

19981223.qrp v01_n314.qrs.981223

Date: Wed, 23 Dec 1998 19:03:22 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1314

QRP-L Digest 1314

Topics covered in this issue include:

- 1) [27833] Fireball Monitoring
by dave_epps@juno.com
- 2) [27834] Palomar Engineers PB-4 balun
by John Raynsford <gcial7jk@gci.net>
- 3) [27835] Re: "73" still arriving to subscription
by Jim Lowman <jmlowman@ix.netcom.com>
- 4) [27836] Fireball!?
by "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
- 5) [27837] HW-9 tech. info ??
by Duffer <hduff@ica.net>
- 6) [27838] Re: QRP Column
by Ron Stark <ku7y@dri.edu>
- 7) [27839] Re: QRP Column
by Dave Sjolin <sjolin@swbell.net>
- 8) [27840] Pre-xmas HF conditions
by Paul Harden <pharden@aoc.nrao.edu>
- 9) [27841] OHR-500 to Japan
by Dan Copeland <dcopeland@wwn.net>
- 10) [27842] RE:Need report
by RangerSF5@aol.com
- 11) [27843] Elmer205 Pages Update 981223 UTC
by Chuck Adams <adams@ticnet.com>
- 12) [27844] Re: "73" still arriving to subscription
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 13) [27845] FOX: amazing!
by Bruce Rattray <rattray@gpfn.sk.ca>
- 14) [27846] Fox Fur: tn timer to WQ8RP
by MJC191@aol.com
- 15) [27847] Re: FOXes--TWO tonight :-)
by "George T. Baker" <w5yr@swbell.net>
- 16) [27848] Foxes everywhere
by Jay Bromley <w5jay@alltel.net>
- 17) [27849] Jazzed over Spice!!
by "Robert P. Okas" <vintage@best.com>
- 18) [27850] Re: FOXes--TWO tonight :-)
by Tom Palmer <n1tp@worldnet.att.net>
- 19) [27851] F.S. QRP

- by K4NK@aol.com
- 20) [27852] FS: PREAMPS Icom AG25, AG35; ARRSP432VDG
by "Ed Tanton" <n4xy@mindspring.com>
- 21) [27853] FS/FT: QRP HT
by "John Peregord" <jrperego@alpha.delta.edu>
- 22) [27854] TKit 1340 Drift
by "John Peregord" <jrperego@alpha.delta.edu>
- 23) [27855] Re: FOXes--TWO tonight :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 24) [27856] OHR-500 to Japan
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 25) [27857] ready in Sacramento
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 26) [27858] Wanted Mizuho Stuff
by Baranger1@aol.com
- 27) [27859] Re: Palomar Engineers PB-4 balun
by af852@rgfn.epcc.edu (William R Colbert)
- 28) [27860] FOX: WQ8RP
by "Ken K1XS" <kennfd@ibm.net>
- 29) [27861] Fireball on 10 anyone???
by mikemo@ibm.net
- 30) [27862] Ten-Tec Power Supply
by kevin walker <kb9nun@mpdr0.chicago.il.ameritech.net>
- 31) [27863] Fireball 40 12/23/98
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 32) [27864] RFI: OHR WM-1
by K0RWC <rwcfrii.com>
- 33) [27865] Re: Pre-xmas HF conditions
by Vic Rosenthal <rakefet@rakefet.com>
- 34) [27866] Re: OHR-500 to Japan
by olyellr@iglou.com
- 35) [27867] QRP RTTY K0FRP
by alan dawkins <alk0frp@earthlink.net>
- 36) [27868] Re: Pre-xmas HF conditions
by Peter Larsen <larsenp@cadvision.com>
- 37) [27869] OHR 400 & DD1 FS
by "Ron Schell" <rschell@iquest.net>
- 38) [27870] RE:Mysterious code groups on 28.044?
by sholisky@ktca.org (Scott Holisky)
- 39) [27871] FYBO/Norcal 20
by Dave Fifield <fifield@pacbell.net>
- 40) [27872] Re: w7zoi website
by "John Zaruba" <jzaruba@snip.net>
- 41) [27873] Re: w7zoi website
by Paul Harden <pharden@aoc.nrao.edu>
- 42) [27874] TS-570 new page (non QRP)
by "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
- 43) [27875] Re:OHR-500 to Japan

by "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
44) [27876] Re: My OHR-100A Mods & other stuff
by "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>
45) [27877] bc108 xistors
by w0yse@juno.com (Neil Klagge)
46) [27878] Not QRP: ICOM 706 Ads
by malman@world.std.com (joel malman)
47) [27879] Re: w7zoi website
by af852@rgfn.epcc.edu
48) [27880] Re: w7zoi website
by "Bruce Barley" <lbbbarley@feist.com>
49) [27881] Foxes NOT
by "Edward A Kwik jr" <eakwikjr@hti.com>
50) [27882] Re: QRP RTTY K0FRP
by Bob Edwards <w4ed@flash.net>
51) [27883] Re: w7zoi website
by "Hugo W. Catta" <hugo@banet.net>
52) [27884] Vixen FOX Log
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
53) [27885] Re: Foxes NOT
by "John J. McDonough" <jjmcd@tm.net>
54) [27886] Audio stream digitizing
by "Tom Moll" <tomm@xata.com>
55) [27887] Fireball 40M Frequency Change?
by vlantz@juno.com (Vann G Lantz)
56) [27888] GOOD MORNING Y'ALL
by Brad Bradfield <b_bradfield@yahoo.com>
57) [27889] QRP+RTTY=FUN
by Bill Jones <kd7s@psnw.com>
58) [27890] looking for Paul Watson and something on LDG, comment abt them
by Scott Howell <whowell@hq.nasa.gov>
59) [27891] Re: bc108 xistors
by "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
60) [27892] FOX: IWTF: Sometimes it's soooo easy
by "Franco, Nicholas J" <franco@bnl.gov>
61) [27893] Re: bc108 xistors
by Paul Harden <pharden@aoc.nrao.edu>
62) [27894] 2N2222 & equiv. specs
by Paul Harden <pharden@aoc.nrao.edu>
63) [27895] Re: Not QRP: ICOM 706 Ads
by "Frank" <ke6vhm@earthlink.net>
64) [27896] AR 40m net tonight!
by Robsparks@aol.com
65) [27897] RFI: OHR WM-1
by sholisky@ktca.org (Scott Holisky)
66) [27898] Re: Not QRP: ICOM 706 Ads
by Roger Hightower <n7kt@earthlink.net>
67) [27899] RE: Foxes NOT

by "Roger A. McCarty" <rmccarty@earthlink.net>
68) [27900] Re: Fishing Pole Info (more)
by "Frank" <ke6vhm@earthlink.net>
69) [27901] Re: xistor cross ref
by "Frank" <ke6vhm@earthlink.net>
70) [27902] You have a Texas postcard waiting!
by w5hir@gte.net
71) [27903] Re: GOOD MORNING Y'ALL
by Bruce Rattray <rattray@gpfn.sk.ca>
72) [27904] Re World Message
by Joseph Mikuckis <k3chp@erols.com>
73) [27905] Fireball 40
by Sam Billingsley <SBillingsley@usaninc.com>
74) [27906] MC3359 Rig?
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
75) [27907] 160 meter Fireball
by tom whalen <whalen@swcp.com>
76) [27908] Listening on 7.080
by tom whalen <whalen@swcp.com>
77) [27909] OHR-100 Drift Project.
by we6w@juno.com (Ed Loranger)
78) [27910] Re: Not QRP: ICOM 706 Ads
by Bob Hightower <ki7mn@extremezone.com>
79) [27911] NOTICE--K0EVZ FOX 12/25/98
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
80) [27912] 706 DOES have 30m
by PUNISHER3@aol.com
81) [27913] Re: xistor cross ref
by gsurrency@juno.com (Gary L Surrency)
82) [27914] Good push up poles found!
by Jeff <fantbb@yahoo.com>
83) [27915] Trip to Englang and other topics.
by Marty Hartwell <meh@cbsms1.cb.lucent.com>
84) [27916] Pole-zero <-> frequency resp. demo applet.
by Jeff Furman <jfurman@ocs.net>
85) [27917] Atlanticon registration update
by "Dave Maliniak" <dmaliniak@penton.com>
86) [27918] RE: FCC url
by Marty Hartwell <meh@cbsms1.cb.lucent.com>
87) [27919] [RE]K0EVZ FOX on 12/25/98
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
88) [27920] Re: 706 DOES have 30m
by mwattcpa@earthlink.net (Marty Watt)
89) [27921] Re: OHR-100 Drift Project.
by "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>
90) [27922] MC3359 Rig?
by "James R. Duffey" <ji3m@maxwell.com>
91) [27923] Re: MC3359 Rig?

by "Steven Weber" <kd1jv@moose.ncia.net>
92) [27924]
by wctrautfield@west.raytheon.com
93) [27925] Re: Re World Message
by Peter Larsen <larsenp@cadvision.com>
94) [27926] Re: MC3359 Rig?
by Bruce Muscolino <w6toy@erols.com>
95) [27927] NOUR/QRPP de AB8DF
by "Edward A Kwik jr" <eakwikjr@hti.com>
96) [27928] A QRP Christams
by PHILLIPS RICHARD <phillips@msoe.edu>
97) [27929] Vectronics Kits
by "David Hurley, n2zhy" <n2zhy@amsat.org>
98) [27930] Help with TIXIE band change
by "Rob Dey" <rdey@myhost.com>

Date: Tue, 22 Dec 1998 16:00:00 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [27833] Fireball Monitoring
Message-ID: <19981222.160001.-100607.9.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will monitor 7.080 10 a.m. until 5 p.m. pst tomorrow (wed) for a
Fireball to Fireball contact.
I will be busy building a FB-20. I put the tick in the FB-40 today and it
works
great. The new slinky should be here anyday so then I can say that
"I'm running a Fireball with a Tick & Mousekey into a Slinky" . I can't
wait
to tell that to a non-qrp'er. HI!
Maybe someone will design a FB-30?
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 22 Oct 1998 04:05:20 -0700
From: John Raynsford <gcial7jk@gci.net>

To: qrp-1@Lehigh.EDU
Subject: [27834] Palomar Engineers PB-4 balun
Message-ID: <362F1170.353D@gci.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

During a hamfest last fall, I acquired a Palomar Engineers PB-4 balun (4:1 ratio) second hand. I've been using the balun with a homemade T-network transmatch, 450 ohm ladder line to a 120 ft circumference horizontal loop.

Satisfied with its performance, are the PB series baluns still in production? The variety of ratios could be useful in upcoming antenna projects

73
AL7JK, John
Eagle River, Alaska

Date: Tue, 22 Dec 1998 16:12:02 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27835] Re: "73" still arriving to subscription
Message-ID: <36803552.DB40A7CE@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

rohre wrote:

> Don't know what the policy on newstand distribution is, but the bookstores
> around Austin have "73" every month, before I get mine in the mail! The
> December issue came last week.

That's the reason I didn't renew my subscription to TV Guide. The next issue was usually available at the supermarket each Monday, and we didn't receive ours until Friday or Saturday -- barely in time, some weeks. I sent e-mail and had a couple of phone conversations with their fulfillment house, but they couldn't seem to grasp the concept that the subscribers are their

preferred
customers.

> Sad to say, all the major magazines are a bit sparse these days, with
> declining advertising revenue, and technical content, except for the QRP
> magazines.

Actually, while it would be nice to see a regular QRP column in every
issue of
QST, CQ Magazine and the like, the QRP periodicals are much better, as
well as
focused on our needs. If QRPP arrives at roughly the same time as a
mainstream
periodical, I always read QRPP first.

One of the reasons that I take World Radio Magazine is that there is a
monthly
QRP column that is written by Richard, NU6SN.

For the most part, distribution of the QRP periodicals is very good, and
that
with unpaid volunteers doing the work!

72 de Jim - AD6CW

Date: Wed, 23 Dec 1998 01:14:44 +0100
From: "Johan Bodin" <sm6lkm.jbeab@swipnet.se>
To: <qrp-l@lehigh.edu>
Subject: [27836] Fireball!?
Message-ID: <199812230014.BAA08715@mb07.swip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi

Where can I find a schematic diagram of the famous Fireball?

Is it a transceiver or tx only?

72 de Johan, SM6LKM

Date: Tue, 22 Dec 1998 19:22:37 -0500
From: Duffer <hduff@ica.net>
To: qrp-1@lehigh.edu
Subject: [27837] HW-9 tech. info ??
Message-ID: <1.5.4.16.19981222192409.2ddf9db2@ica.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm trying to resurrect a Heath HW-9 that was poorly built but allegedly did work at one time.
Wondering if there is a list of common faults, hints/kinks or the like !?
I'm just now familiarizing myself with the rig. So far, it looks like the VFO section is not functioning.

Any technical info on the HW-9 welcome.
Please reply to hduff @ica.net

Thanks de Hugh VA3TO

Date: Tue, 22 Dec 1998 16:32:16 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: mikemo@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27838] Re: QRP Column
Message-ID: <Pine.SOL.3.96.981222162900.25471A-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Dec 1998 mikemo@ibm.net wrote:

> I like QST.... So what does that make me?

Me too!

And I'll even go so far as to say that I think QRP gets more than it's share of coverage in QST and the ARRL's other publications.

I would also love to see a GOOD qrp column in QST too!

(If I'm so mad at the ARRL how come I am always having

to come to their defense?) :-)

Flame suit on....

Happy Holidays to all,

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 22 Dec 1998 18:33:23 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27839] Re: QRP Column
Message-ID: <36803A53.F2B1846C@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

K2UD@aol.com wrote:

>
> QRP is also one of, if not the only bastion of the true spirit of ham radio
> left. What other group of hams homebrew, can troubleshoot, are technically
> competent, and in general contribute to the radio art? DXers, no (I am one).
> Rag-chewers, no. Digital operators, not really. FM and repeater operators,
> no (is that why QST is dumping the FM column?).
>

Me thinks you're a little hard on other hams. I know many DX'ers and
contesters that homebrew, troubleshoot, are technically competent, and
contribute to the radio art in many segments of the hobby. Also some of
the repeater owners / officials are competent. There are good and bsd in
each of the groups. QRP may have an abundance of technically competent
ops but we arent alone.

Another group you left out was the weak signal VHF/UHF enthusiasts.
Above 432 mhz there isnt a lot of commercially made gear.

73 de Dave, N0IT

Date: Tue, 22 Dec 1998 17:43:15 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@lehigh.edu
Cc: Paul Harden <pharden@zia.aoc.NRAO.EDU>
Subject: [27840] Pre-xmas HF conditions
Message-ID: <Pine.SOL.3.91.981222171913.11820B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

PRE-CHRISTMAS HF CONDITIONS:

The sun has been quiet past few days, meaning nothing coming our way to disturb conditions thru Christmas. The sun is expected to remain quiet for several days, meaning nothing to disturb things this weekend either.

The geomagnetic field is VERY QUIET (A-index = 3), so those pip squeek Fireball signals should travel along on 40M quite well, and 5W will do even better, well above the static absorption level.

15 and 10M will be a bit mushy next few days, due to hitting the low of this solar rotation with the flux at 129. According to the daily plots I keep, it appears a "fluke" and solar flux should rise to 140 by Christmas for good 15 and 10M propagation.

Remember ... the higher the solar flux, the HIGHER the maximum usable frequency ... so solar flux effects 20M and ABOVE (not below, since the MUF seldom drops below 12-15MHz right now). And the A-index, the measure of our geomagnetic field, identifies the noise levels experienced on HF due to our magnetic field activity, and generally effects 10MHz and BELOW. Thus, the lower the A-Index, the better 80 to 30M will be, and has little to no effect on 20M and above.

Or another way to look at it ...

If you want to work 40M QRP ... look for an A-index of 10-12 or BELOW
For 15 and 10M QRP ... look for a solar flux about 150 or higher.

Of course, even with a high solar flux, 15 and 10M will always remain a daytime band ... that is, skip propagation occurs during daylight hours and the "gray line" at sundown/sunup while the sun is ionizing the E and F layers.

SUMMARY: The holiday weekend should be short of just GREAT on all HF bands to get on and operate. And for those of you lucky enough to get some new toy under the tree, you should be able to put it right on the

air and have a QSO!

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z
> TO 22/2100Z: SOLAR ACTIVITY WAS LOW.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE PREDOMINANTLY
> LOW DURING THE NEXT THREE DAYS.

> THE FILAMENT IN REGION 8414 IS EXPECTED TO ERUPT
> SOMETIME PRIOR TO WEST LIMB TRANSIT. IF IT DOES, A LONG DURATION
> X-RAY EVENT AND LARGE CORONAL MASS EJECTION WOULD LIKELY OCCUR.

The x-ray emissions could cause some immediate disturbances to HF, but likely of short duration. The coronal mass ejection, occurring near the west limb, means it will likely be hurled off into interplanetary space and miss the earth for no lasting effect.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z:
> THE GEOMAGNETIC FIELD WAS QUIET. THE DISTURBANCE FROM THE HALO
> CORONAL MASS EJECTION ON 18 DEC FAILED TO MATERIALIZE.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE
> QUIET TO SLIGHTLY UNSETTLED FOR THE NEXT THREE DAYS.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 22 DEC 129 <----- (This is the LOWEST solar
> PREDICTED 23 DEC-25 DEC 132/135/137 (flux since Nov. 22, the
> 90 DAY MEAN 22 DEC 133 (likely bottom of this
(solar rotation

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 21 DEC 003/003 <----- (VERY quiet geomagnetic
> ESTIMATED AFR/AP 22 DEC 005/011 (conditions for <10MHz
> PREDICTED AFR/AP 23 DEC-25 DEC 008/012-008/009-008/009
 ^ ^ ^
 Wed Thur xmas

72, and good QSO's/good DX everyone,

Paul NA5N
National Radio Astronomy Observatory
Socorro, New Mexico

Date: Tue, 22 Dec 1998 18:50:31 -0600
From: Dan Copeland <dcopeland@wwn.net>
To: qrp-1@Lehigh.EDU

Subject: [27841] OHR-500 to Japan
Message-ID: <00400768703974@wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just worked JH20MM on 15 meters with my new OHR-500
running 2 watts. You would not believe the grin on my face
right now.

This is a great little radio. I would also like to thank Dick at Oak Hills
for his help.

72's de Dan
Daniel Copeland KF00V
dcpeland@wwn.net

QCWA Webmaster* ARRL-life member*
QRP-L 1004, ARCI - 9670, OHR 100A-20, OHR-500
<http://www.qcwa.org> | <http://www.dcopeland.com>
"I want to die peacefully in my sleep like my grandfather,
not screaming in terror like his passengers."

Date: Tue, 22 Dec 1998 19:52:52 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [27842] RE:Need report
Message-ID: <60218869.36803ee4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang
I just finished doing some work on the ARK 4 and if anyone is around in appx
10 more minutes,i'll be on 7.040 + - for qrm.
Did some work in the RIT area and want to see if the rig in on freq.
73
Bob
WA2HQQ

Date: Tue, 22 Dec 98 19:21:08 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>

Subject: [27843] Elmer205 Pages Update 981223 UTC
Message-ID: <199812230117.UAA67640@nss4.cc.Lehigh.EDU>

Well, looks like I missed the HTML-boat (tm) again.
The 205 pages are now linked to. I had them out there,
but you couldn't get to them. Like /dev/null. :-)

Sorry about that, but go out and look at Jim's, K8IQY,
sweep of the 4MHz crystal. A work of art. Can you
reproduce it in your lab?

FYI

--
Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Tue, 22 Dec 1998 21:32:05 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: jmlowman@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27844] Re: "73" still arriving to subscription
Message-ID: <36805624.72EF9117@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't subscribe to 73. The editorial content is not consistent enough

for me to send Wayne my money. I generally buy 3-4 issues a year the
local BAM. The last issue on the shelf is dated August 98. The August
issue was still on display this AM. Guess that Tallahassee is at the
end of the distribution chain.

I do subscribe to Electronics Now (used to be Radio
Electronics--published by Gernsback). Most of the articles are written
at my level. I also enjoy reading Practical Electronics but that only
shows up here intermittently also. If I could subscribe to Practical
Electronics at a decent price, I would do it. As things stand now I
believe that a stateside sub runs about \$70/yr.

Henry

Date: Tue, 22 Dec 1998 19:41:12 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Cc: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [27845] FOX: amazing!
Message-ID: <Pine.LNX.3.95.981222193436.10200A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...just came in the house from grocery shopping....windchill outside right now is MINUS 55 dC.....starting to unthaw, I remembered about the fox hunt for WQ8RP....turn the rig on and tuned around and found the wiley fox at 7.038.69....gave one call and worked the fox at 0127Z!....unbelievable!...talk about luck...suddenly I wasn't frozen any more... HI HI...some day's it's peanuts and other days it's shells....and so it goes

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club "QRP! How sweet it is!"

Date: Tue, 22 Dec 1998 20:44:04 EST
From: MJC191@aol.com
To: qrp-l@Lehigh.EDU
Subject: [27846] Fox Fur: tnx to WQ8RP
Message-ID: <28b389dc.36804ae4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Stan,
Thanks for the Pelt....it looks great hanging off the xmas tree.
40 is in good shape. Nice pipeline from MA to MI tonite.
72
Mike NA1XX // North Weymouth MA
QRP-L #1588

Date: Tue, 22 Dec 1998 19:53:53 -0600

From: "George T. Baker" <w5yr@swbell.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27847] Re: FOXes--TWO tonight :-)
Message-ID: <36804D31.EDA168@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doc, thanks for being the "marker" station for me tonight with Stan. Heard him come back to K0EVZ, punched in both the RIT and XIT, tuned down to hear you, punched off the RIT to hear Stan R your stuff, then gave him a call. Bingo! Sometimes it seems too easy - other times you can't BUY a contact!

I know - it's only a hobby. But what a great one . . .

Thanks for another pelt, Stan!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Tue, 22 Dec 1998 20:13:46 -0600
From: Jay Bromley <w5jay@alltel.net>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27848] Foxes everywhere
Message-ID: <368051D9.E66118AC@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

After a rough one at work I came home to a 40m band of foxes and hounds. Worked Stan while getting caught up on QRP-L.

Then I thought I would see what was going on in the novice band. Heard Ron KU7Y calling and then I heard Mary WN6HYX. Got Mary very easy and managed to mangle up her name. Someone please tell her I got it right. I was interrupted by a telephone call right in the middle of our contact and sent the name of the person I was talking to on the phone. I can't walk and chew bubble gum at the same time. I was going to send the

corrected response but Mary was already sending QRZ fox. Listened to Mary afterwards and she is a very polite, smooth operator.

Thanks for the neat evening Stan and Mary. Makes the rough day worth it!!

73 de w5jay..

Date: Tue, 22 Dec 1998 18:14:58 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-1@Lehigh.edu
Subject: [27849] Jazzed over Spice!!
Message-ID: <Pine.BSF.4.05.9812221753450.9729-100000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey Gang,

Had some idle time today, so I thought I'd put Spice through some field trials. I wound up entering the design of an old Southwest Tech Tiger amplifier I built during my misspent yute (and fixed, and fixed, but that's another sad story). Dang Mothra, it be fatinatin' the kind of results you get.

I took some liberties on specifying the exact devices, and some web surfing yielded some basic pnp and npn model libraries; useful enough for what I was doing. I experimented with different loads and different quantites of output devices (it is a real learning experience to see what the output stage base drive current looks like when you do this). Then I tried to "blow it up" by overdriving, shorting the output and hanging reactive loads on it. It is instructive to see how the device models react to such stresses. Too bad Spice doesn't yet emulate the smoke escaping from simulated crispy components!

I never done too much analog design in my 20+ years in industry, and none of that ever called for the sophistication of Spice. This is a real winner we got here gang, and an extremely powerful tool, despite the lack of the glitzy pop-up windows, etc. that the "For Sale" versions have. I need to thank Chuck Adams for getting this Elmer 20x thing rolling!

72/3 es Merry Crimble,
Bob - W3CD

Date: Tue, 22 Dec 1998 21:20:30 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27850] Re: FOXes--TWO tonight :-)
Message-ID: <3680536E.2ECA4BB6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George, I heard your QSO here in SW Florida. The pesky Texans were coming in here Q5 all the way. At 0100 Stan was about 339 and deep in the pile up, but at about 0150 started coming up loud and clear. From 0200 to 0215 Stan was pounding into SW Florida with one of the strongest FOX signals so far this season. Band in good shape and can hear hounds from Cal. to Conn. 72/73, Tom, N1TP, Naples.

"George T. Baker" wrote:

> Doc, thanks for being the "marker" station for me tonight with Stan.
> Heard him come back to K0EVZ, punched in both the RIT and XIT, tuned
> down to hear you, punched off the RIT to hear Stan R your stuff, then
> gave him a call. Bingo! Sometimes it seems too easy - other times you
> can't BUY a contact!
>
> I know - it's only a hobby. But what a great one . . .
>
> Thanks for another pelt, Stan!
>
> 72/73, George
> Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
> AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
> QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Tue, 22 Dec 1998 21:22:36 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [27851] F.S. QRP
Message-ID: <624e33af.368053ec@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a couple of rigs for sale .

Both are very nice no scratches manuals etc. and I pay shipping.

OHR QRP classic 40/20 mtr. \$150 has keyer

OHR Explorer 30mtr. \$ 50

Please e-mail K4NK@aol.com

73 Thanks Les K4NK

Date: Tue, 22 Dec 1998 21:39:23 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "AMSAT BBS" <amsat-bb@amsat.org>
Cc: "W4UOC Tom Koch" <W4UOC@aol.com>, "W4RNL LB" <cebik@utk.edu>, "W4QO Jim Stafford" <w4qo@america.net>, "W4OCW" <w4ocw@juno.com>,
"Vintage Solid State List" <VSS@LISTSERV.TEMPE.GOV>, "QRP-L Reflector" <qrp-
l@Lehigh.EDU>, "Homebrew Reflector" <homebrew@qth.net>
Subject: [27852] FS: PREAMPS Icom AG25, AG35; ARRSP432VDG
Message-ID: <000501be2e1d\$737131c0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale: NIB Icom AG-25 (2M) and AG-35 (430MHz) Preamps. Bought to use with Icom IC-970-H SAT rig I sold. Self bypassing to 100W. Also, used, excellent, Advanced Rcvr Research SP432VDG-I think self bypassing-but with PTT line. Never used it either. The latter preamp was working when purchased.

Prices: Icoms: \$100 EACH shipped CONUS; ARR \$75 shipped CONUS.

73

Ed Tanton N4XY EMAIL: n4xy@mindspring.com
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

"Think you can, think you can't:
either way you're right!" Henry Ford

~~~~~  
-----  
Date: Tue, 22 Dec 1998 21:42:33 -0500  
From: "John Peregord" <jrperego@alpha.delta.edu>  
To: <QRP-L@Lehigh.EDU>  
Subject: [27853] FS/FT: QRP HT  
Message-ID: <000801be2e1d\$e59aa880\$e0824acf@default>  
Mime-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have a mint Standard C508A dual-band mini-HT. Very small and puts out 280mw. 2-AA batteries go far with moderate duty-cycle and hits my local repeaters with no trouble. I guess I bought it to re-affirm my lack of interest for FM but has nice wideband RX.

Would like to trade for HW-8, Century 21, bug, or what do you have? I got it for \$280, AES now sells it for \$260. Happy Holidays.

73,  
John/KB8UMD  
ex KA8KSJ, DA2PS  
QRP-L #1131

-----  
Date: Tue, 22 Dec 1998 21:47:59 -0500  
From: "John Peregord" <jrperego@alpha.delta.edu>  
To: <qrp-l@Lehigh.EDU>  
Subject: [27854] TKit 1340 Drift  
Message-ID: <001601be2e1e\$a8199ce0\$e0824acf@default>  
Mime-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Anybody getting TX in the TKit 1340? Any mods to cure this? The only mod I've added to the rig is the addition of a 10-turn pot for the VF0. Any suggestions would help.

Happy Holidays,

John/KB8UMD

-----  
Date: Tue, 22 Dec 1998 21:54:35 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:w5yr@swbell.net" <w5yr@swbell.net>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Subject: [27855] Re: FOXes--TWO tonight :-)  
Message-ID: <199812222157\_MC2-6477-F78E@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

George:

Wow!--very glad you bagged him. Stan was \*really\* rolling in here for perhaps the first 20 minutes. During our fairly early QSO he was a genuine 589+, one of the strongest FOX signals ever for me.

But then he began to fade, with occasional QSB bringing him to barely understandable levels. Soon thereafter he disappeared altogether, though I could hear the hounds from time to time. Sure lucky to have gotten him before it was too late :-).

Setup was the new OHR500 at 5 watts to the Inverted WYE w/2 counterpoises. Also had the TNT/2 Windom at 30' ready, just in case. But Stan was all but unreadable all evening with the Windom. Hmmm....

BTW, will be using the new OHR500 when I am FOX this Thursday evening. Hope you and the gang will hunt me beginning at 0100 (on 12/25/98, actually). Freq will likely be just about 7.039.5 like Stan was. Good luck.

72/73,  
--Doc Lindsey/K0EVZ  
DSBF  
P.O. Box 7187  
Bismarck, ND 58507  
E-Mail 70511.3041@compuserve.com

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Date: Tue, 22 Dec 1998 21:54:39 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:dcopeland@wwn.net" <dcopeland@wwn.net>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Subject: [27856] OHR-500 to Japan  
Message-ID: <199812222157\_MC2-6477-F790@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Dan:

Let me second this word about the new OHR500. Just got mine up and running, and bagged the two FOXes tonight. Great rig, much quieter than even the OHR400 :-). Will be using it Thursday evening when I am Da FOX.

72/73,  
--Doc Lindsey/K0EVZ  
DSBF  
P.O. Box 7187  
Bismarck, ND 58507  
E-Mail 70511.3041@compuserve.com

-----  
Date: Tue, 22 Dec 1998 21:54:42 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "M CHERRY" <MCHERRY@CALWEB.COM>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [27857] ready in Sacramento  
Message-ID: <199812222157\_MC2-6477-F791@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Mary:

Well you were doing great as always. What a FB signal and fist here. Couldn't resist working you twice.

First setup was the new OHR500 at 5 watts to the Inverted WYE. An hour later I fired up the Sierra at .95 watts to the WYE, and there you were again. Believe I could have used .5 watts or less....but did not have

time to turn the rig down :-). Shows what a good op you are, being able to copy thru QRM for weaker signals.

Will be interested in your log, as always. Ya made all of us hunters proud again tonight. Keep up the good work.

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

-----  
Date: Tue, 22 Dec 1998 22:09:15 EST  
From: Baranger1@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [27858] Wanted Mizuho Stuff  
Message-ID: <9a708a3f.36805edb@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi everybody,  
I collect Mizuho gear and am looking for any Mizuho products you may have.  
Radios, pre-amps, tuners what ever.  
Thanks 73 and happy holidays,  
Bill W9WCR

-----  
Date: Tue, 22 Dec 1998 20:12:28 -0700 (MST)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: gcial7jk@gci.net, qrp-l@lehigh.edu  
Subject: [27859] Re: Palomar Engineers PB-4 balun  
Message-ID: <199812230312.UAA20834@rgfn.epcc.edu>

I haven't ordered anything from Jack Althouse at Palomar for some time but still see his ads and his writeups in World Radio so I think he is still making baluns of various ratios and power ratings. I think the most I have seen is a 12:1 designed for using a 50 ohm to 600 ohm line. I use the 9:1 (50-450 ohm) baluns all the time.

I had at one time asked him about 14:1 ratios but found the 12:1 worked fine for feeding my sloping vee-beams at work. Drop Palomar a note asking for their info sheet/catalog and see what is current. At one time, Palomar also made a line of small baluns designed for receiving/qrp situations with a rating up to 25 watts and impedance ratios 1:1 to at least 12:1.

73 Ray

--

Ray Colbert, W5XE  
00TC 3618, SOWP 1064M  
El Paso, Tx (FAR WEST TEXAS!)  
also: w5xe@juno.com

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Date: Tue, 22 Dec 1998 22:13:21 -0500  
From: "Ken K1XS" <kennfd@ibm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [27860] FOX: WQ8RP  
Message-ID: <005e01be2e22\$352474e0\$b9686420@kh>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Finally figured out the secret for working a Fox. I Used to mark the calendar, arrange my schedule, patiently tune the antenna, and slowly search the band trying to hear that elusive critter. If I heard him, I'd jump right into the pile up, without any luck so far this season.

What a waste! Tonight, I turned on the radio (have not looked at a Fox schedule in weeks) heard WQ8RP calling CQ FOX, and bagged him on the second call! Thanks Stan.

72,

Ken Hanks Kennfd@ibm.net  
<http://www.qsl.net/k1xs>

-----

Date: Tue, 22 Dec 1998 22:09:14 -0500  
From: mikemo@ibm.net  
To: qrp <qrp-1@Lehigh.EDU>

Subject: [27861] Fireball on 10 anyone???

Message-ID: <36805EDA.262A@ibm.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Has anyone put their NJ Fireball on 10 meters?

Had trouble with the filter values in the instructions. I used the instructions recommended values and got almost no output. I used the following values with ok results (going by the handbook formula).

8 turns on the toroid cores. 2 100pf caps and one 220pf cap.

My output is up from 10 microwatts to about 2 milliwatts.

I'm not sure what kind of loss I'm getting from the filter / load. Without anything connected to the oscillator, I get about 2 volts p-p. When connected to the filter / 50 ohm load, It is down to about .9 volts p-p. I wonder if an improvment in my filter values would improve my output power?

Any info out there? How about from the designers?

I'm still willing to put my blistering 2 mW on the air tommorow....

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

-----

Date: Tue, 22 Dec 1998 21:16:10 -0600

From: kevin walker <kb9nun@mpdr0.chicago.il.ameritech.net>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [27862] Ten-Tec Power Supply

Message-ID: <3680607A.FE62684A@mailhost.chi.ameritech.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I have a Ten Tec power supply model 255 that I think has some AC ripple problems. Using a o'scope I see some ripple on the DC when under a load. I'm assuming this is not normal. I have no schematic but am thinking of replacing all the electrolytic capacitors in the power supply.

The power supply has a penciled date on the inside of 1-30-81. So I'm guessing that is when it was manufactured??

Am I doing the right thing by replacing the caps? Seems like a good



place to start. If so, should I be looking at other components??

73,

Kevin/KB9NUN

-----  
Date: Tue, 22 Dec 1998 22:32:02 -0500  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Cc: NJ QRP Club <njqrp@njqrp.org>  
Subject: [27863] Fireball 40 12/23/98  
Message-ID: <36806432.55815142@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Fired up the Fireball at about 0200 Z. Heard N9DD calling CQ/QRPP on 7.080 but couldn't raise him. Called CQ about a dozen times between 0200Z and 0300Z but no bites -- maybe I need the amp mod. :-)) May try again tomorrow 0200Z to 0300Z.

--  
Jake Carter -- N4UY  
Vienna, VA (DC suburbs)  
WAS/QRPP w/c 16/16 on a Pixie,  
MRX-40, & 40m wire dipole

-----  
Date: Tue, 22 Dec 1998 20:32:08 -0700  
From: K0RWC <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [27864] RFI: OHR WM-1  
Message-ID: <3.0.5.32.19981222203208.008044d0@mail.frii.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Folks:

I am curious about the accuracy of the WM-1 pwr mtr. Has anybody compared it to a know standard? Any "tweeks" to the Cal. procedure to get it/keep it working at peak accuracy? I bought one from a friend, but don't have the manual(s) yet. I do like that mW scale for fine tuning the Ant. match!

HAPPY HOLIDAYS

---

72/3 K0RWC  
Rod Cercone, QRP-L #1764.  
Fort Collins, CO  
da di dah

-----  
Date: Tue, 22 Dec 1998 19:44:21 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: pharden@aoc.nrao.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27865] Re: Pre-xmas HF conditions  
Message-ID: <36806715.36A9B037@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

>  
> Thus, the lower the A-Index, the better 80 to 30M will be,  
> and has little to no effect on 20M and above.

Something I've always wondered about is the following: how come there is such a wide variation of conditions on the high bands at the same time of year and the same hour when the flux is more or less the same? There is obviously more to it than flux and A/K indices -- do we understand these other things?

73,  
Vic, K2VCO  
Fresno CA

-----  
Date: Tue, 22 Dec 1998 22:44:55 -0500  
From: olyellr@iglou.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [27866] Re: OHR-500 to Japan  
Message-ID: <3.0.5.32.19981222224455.007fa100@pop.iglou.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:54 PM 12/22/98 -0500, Wilford D. Lindsey wrote:

>Dan:

>

>Let me second this word about the new OHR500. Just got mine up and  
>running, and bagged the two FOXes tonight. Great rig, much quieter than  
>even the OHR400 :-). Will be using it Thursday evening when I am Da FOX.  
>  
>72/73,  
>--Doc Lindsey/K0EVZ

I worked a DL this morning with 2 watts on mine (15mtrs). I've had it up  
and running for about a month now and am VERY happy with it. Reports have  
been ranging from "very good" to "great". A real nice rig that more than  
delivers as promised.

Congrats Dan an' Doc on the Japan contact and Foxes.

72/3,  
Mike L.

=====  
de AF4LQ  
FISTS #4139 QRP-L #1395 ARCI  
99% CW OP...for the pure JOY of it.  
<http://members.iglou.com/olyellr/>

-----  
Date: Tue, 22 Dec 1998 20:10:13 -0700  
From: alan dawkins <alk0frp@earthlink.net>  
To: QRP-L@lehigh.edu  
Subject: [27867] QRP RTTY K0FRP  
Message-ID: <36805F15.B0727737@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My first try at QRP RTTY ended up in winning the last ARRL RTTY contest  
for Colorado. I could not convince the ARRL to add a QRP this year. My  
set up was very modest. A Voltsrtty interface which is only \$40 and  
consist of a filter on rx and a afsk generator on Xmit. It uses Hamcom  
software which come with the interface. A \$30 donation to the German  
ham who wote the software would be nice. The system uses USB for rx and  
xmit, That I did not like. It works but I wanted more. Off the DB9 cable  
comes DTR for Push to talk and TXD for FSK and DSR for Input audio from  
your computer.

My TS-850 has REAL RTTY mark and space input. so you get pure tones not  
ssb tones. This is accomplished by taking TXD going through a 2n3904  
and a 3.3k resistor an pesto RTTY to key your xtmr. The best is yet to

come. I have a Time wave 59 + DSP filter. I got it for RTTY Demod feature. Well it did not work. I thought it didn't anyway. I wanted to use FSK position in the rig and also use the 500 hz cw filters. I could not use them with the volks rttty interface. The filter would not allow the tone through. So I bypassed the filter in the volks RTTY. Getting back to the demod feature of the 59+. All I got was clicking as if the filter was off freq. Well it was. the default option in the 59+ is a 1700hz center freq. Our rttty North America is 2125hz. I had to read the manual !!! gee what a concept. I changed the center freq by changing a jumper in the 59+ and WOW it works great. I copy stations S1-2 solid as if they were 59+++++. The RTTY tone just jump out. and NO BACKGROUND noise. pure tones. That is what I bought the 59+ for after a year I finally figured it out. Working in LA and home on the weekends doesn't help progress is slow in my shack. I hope to take a new company position with raise and I can stay at home and not collect a yearly 75,000 plus miles on United Airlines.

I hope to get this RTTY thing going soon. It looks like I may get next week at home for a change.

RTTY is not expensive and I know all of you don't have 59+ DSP and rigs that will do RTTY tones but if you do try it its great.

If you have a computer and want RTTY use RIITY software that uses a REAL soundblaster card but AFSK. I have a soundblaster compatible in my PC but I use my laptop for RTTY and no soundblaster there. If you have a rig that does FSK its even better. AFSK is fine but I think real FSK tones is a fool proof method.

RIITY is about \$125. K6STI software

Have fun On RTTY just another fun QRP mode you will be amazed as usual.

Merry Christmas to all and a Happy New Year.

Al K0FRP

-----  
Date: Wed, 23 Dec 1998 04:46:28 +0000  
From: Peter Larsen <larsenp@cadvision.com>  
To: rakefet@rakefet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27868] Re: Pre-xmas HF conditions  
Message-ID: <368075A4.1AF9AB11@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> >

> > Thus, the lower the A-Index, the better 80 to 30M will be,

> > and has little to no effect on 20M and above.

> do we understand these other things?  
>

Only Paul does. I guess the rest of us just try to learn.

--

73 es have fun  
Peter  
VE6YC D021wc

-----  
Did you hear about the dyslexic Satanist?  
He sold his soul to Santa  
-----

-----  
Date: Tue, 22 Dec 1998 23:54:14 -0500  
From: "Ron Schell" <rschell@iquest.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [27869] OHR 400 & DD1 FS  
Message-ID: <009101be2e30\$4afc28e0\$3c352bd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have an OHR-400 with the built in keyer and the DD1 Digital Display Unit for sale. The rig and display have been rarely used and both are in mint condition. The radio was checked and aligned by OHR when completed and puts out 5+W on all four bands. I am selling because I need the money for other toys and I never use the radio.

The price is \$200 including shipping to CONUS. I can't go lower than this.

email Ron rschell@iquest.net

Thanks,  
Ron KG9AX

-----  
Date: Tue, 22 Dec 1998 22:57:31 -0600  
From: sholisky@ktca.org (Scott Holisky)  
To: qrp-1@lehigh.edu  
Subject: [27870] RE:Mysterious code groups on 28.044?  
Message-ID: <fc.000f548a003cf804000f548a003cf804.3cf80e@ktca.org>  
MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I heard it also, but the increment was in the 700's ....assume it was a  
keyer left in the auto mode? Sure didn't  
hear any ID's , but, then with so much ssb qrm on the cw band who could  
tell?

73's Scott N0AR  
Vadnais Heights, Minnesota 10 deg's and warming...ice fishing in site.

-----  
Date: Tue, 22 Dec 1998 21:38:04 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [27871] FYBO/Norcal 20  
Message-ID: <368081BC.D285670B@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If FYBO had been this last weekend, I think I would have stood  
a good chance of winning! It's fffffffrrrrrrrrreeeeeeezing here!  
(OK, not quite, but I'm a certified Californian wimp now, so I  
have a poetic license to wax lyrical about the weather)(actually,  
being British, I think I had one before I came here, right?).

We had freezing pipes and SNOW, yes that's right, SNOW in sunny  
(supposedly) San Jose!!! Whatever next?

Anyhoo, the Norcal 20 is progressing nicely now. We're still waiting for  
some of the parts to arrive and I'm getting stuck into writing  
the manual big time now. Shipping date to be set as soon as we know when  
the last few pieces of the puzzle will arrive. Unfortunately,  
it's not going to be until after the new year as I think Doug said  
in his last report to the list. We had hoped to get them out as  
Christmas presents to you all, but it was not to be.

Have a super Christmas and New Year in the meantime. Best wishes  
to all and I hope Santa brings you everything you asked for....  
(hmmm, let's see: K2, Norcal 20, new computer, 55' tower....)

Cheers,  
Dave Fifield,  
AD6A

-----  
Date: Wed, 23 Dec 1998 00:29:46 -0500  
From: "John Zaruba" <jzaruba@snip.net>  
To: <af852@rgfn.epcc.edu>  
Cc: "QRP-L List" <qrp-l@lehigh.edu>  
Subject: [27872] Re: w7zoi website  
Message-ID: <001401be2e35\$4142e500\$8e4accd1@zarubahome>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

But I'd like to know what became of the can of "Sir Walter Raleigh" on Wes'  
bench in the picture on pp.. 213 of Solid State Design for the Radio  
Amateur...

72/3 de John AA2BN  
-----Original Message-----  
From: af852@rgfn.epcc.edu <af852@rgfn.epcc.edu>  
Subject: re: w7zoi website

>Thanks to the party that passed the url for the website of W7Z0I,  
>good info and nice pix there. Nice looking shack/workbench altho it  
>appears much more crowded than the picture in the November 1972  
>QST picture, page 90 which shows what looks to be the same bench top,  
>shelves and shelf brackets. Nice being able to compare the differences  
>of 26 years.

>--

>-----

>Ray Colbert,  
>(also w5xe@juno.com)  
>El Paso, Texas (Far West Texas)  
>

-----  
Date: Wed, 23 Dec 1998 00:03:36 -0700 (MST)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: John Zaruba <jzaruba@snip.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [27873] Re: w7zoi website  
Message-ID: <Pine.SOL.3.91.981223000138.23480B-1000000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 Dec 1998, John Zaruba wrote:

> But I'd like to know what became of the can of "Sir Walter Raleigh" on Wes'  
> bench in the picture on pp.. 213 of Solid State Design for the Radio  
> Amateur...

He traded it for a couple of Altoid tins?

-----  
Date: Wed, 23 Dec 1998 18:39:23 +0900  
From: "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>  
To: "QRP-I ML" <qrp-1@Lehigh.EDU>  
Subject: [27874] TS-570 new page (non QRP)  
Message-ID: <199812230938.SAA27021@inv.co.jp>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello de JG1RVN Toru in Tokyo.

My friend Mr.Torii's TS-570 home page URL has changed.

New URL is as follows  
<http://www11.cds.ne.jp/~cqdx/>  
That page has nothing to do with KENWOOD  
though he is a KENWOOD man,it is not kenwood page!

I am a friend of him, of course no relation to Kenwood.  
I hope you enjoy it ! Thanks

-----  
Toru Kato JG1RVN  
jg1rvn@inv.co.jp  
-----

-----  
Date: Wed, 23 Dec 1998 19:23:05 +0900  
From: "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>



To: "QRP-I ML" <qrp-1@Lehigh.EDU>  
Subject: [27875] Re:OHR-500 to Japan  
Message-ID: <199812231023.TAA27562@inv.co.jp>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Congratulations! KF00V Dan.

I have a OHR-500 too, so let's QSO using 2-way OHR-500 next!  
A lot of USA came here with 599+ this morning.

72 from Tokyo.

-----  
Toru Kato JG1RVN  
jg1rvn@inv.co.jp  
-----

-----  
Date: Wed, 23 Dec 1998 19:39:41 +0900  
From: "Toru Kato JG1RVN" <jg1rvn@inv.co.jp>  
To: "QRP-I ML" <qrp-1@Lehigh.EDU>  
Subject: [27876] Re: My OHR-100A Mods & other stuff  
Message-ID: <199812231039.TAA27785@inv.co.jp>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks KORWC Rod.

I tried OHR-100A CW width narrow modify (jumper R133)  
and my 30m and 20m OHR-100A worked very well on CW.  
Perhaps now became around 3-400Hz bandwidth at narrow position.

If you add a small switch to front panel and  
set R133 short or not, then you can choose wide and narrow  
position on your OHR-100A.

In Japan, 40m band is narrow. Only 100kHz,  
7000-7030 for CW, 7030-7010 for SSB  
(CW can use 7030-7100 too).  
I set my OHR-100A BFO to lower side band (LSB),  
and I am enjoying Japanese SSB signal on 40m tuning  
it wide position, as OHR-100A can cover 7000-7070kHz.

When R133 jumper switch on, it becomes nice narrow CW trcv!

This is really nice modify indeed.

72 from TOKYO

-----  
Toru Kato JG1RVN  
jg1rvn@inv.co.jp  
-----

-----  
Date: Wed, 23 Dec 1998 05:26:52 -0700  
From: w0yse@juno.com (Neil Klagge)  
To: qrp-l@Lehigh.EDU  
Subject: [27877] bc108 xistors  
Message-ID: <19981223.052653.-81149.0.w0yse@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

As I browse thru web pages of european hams and clubs I see many circuits using the BC108. Can a 2n2222 be used instead? Does anyone have the 'specs on the BC108?

72 , Neil, w0yse since '54 <><

-----  
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or call Juno at (800) 654-JUNO [654-5866]  
-----

Date: Wed, 23 Dec 1998 07:54:49 -0500 (EST)  
From: malman@world.std.com (joel malman)  
To: qrp-l@Lehigh.EDU  
Subject: [27878] Not QRP: ICOM 706 Ads  
Message-ID: <199812231254.AA17861@world.std.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If you check-out the ads for the new ICOM 706MKIIG (a mouthful), you will see that the rig does not cover 30 meters. The ad lists, along the left column 160-80-75-40-20-17-15-12-10-6-2-70cm bands.

[ the current ad is on the inside front cover of QST and the back cover of CQ ]

Oh well, 30m is only 50Kc wide and only 20Kc is NON-digital. Who needs it. 30m does not even support a Fireball :).

Hi, Hi, Hi.

--

/joel K1QM (Ex-wa1qvm) Concord, Mass.  
QRP-L 337, QRP-ARCI 9305, NorCal

-----

Date: Wed, 23 Dec 1998 08:06:40 -0800  
From: af852@rgfn.epcc.edu  
To: pharden@aoc.nrao.edu, qrp-1@lehigh.edu  
Subject: [27879] Re: w7zoi website  
Message-ID: <36811510.3AB6@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Or like my tobacco tins of that time, holding resistors, caps, hardware, etc.

--

-----

Ray Colbert,  
(also w5xe@juno.com)  
El Paso, Texas (Far West Texas)

-----

Date: Wed, 23 Dec 1998 07:33:39 -0000  
From: "Bruce Barley" <lbbarley@feist.com>  
To: <pharden@aoc.nrao.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [27880] Re: w7zoi website  
Message-ID: <01be2e46\$8f5d5700\$3c06f7c6@lbbarley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

You'll also notice a "Sail" tobacco can a couple of shelves above the "Sir Walter Raleigh".  
I think I spotted both of them at the flea market last weekend.

Bruce KB0PZD qrp-1 # 69  
lbbarley@feist.com

-----Original Message-----

From: Paul Harden <pharden@aoc.nrao.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Wednesday, December 23, 1998 7:06 AM  
Subject: Re: w7zoi website

>  
>On Wed, 23 Dec 1998, John Zaruba wrote:  
>  
>> But I'd like to know what became of the can of "Sir Walter  
Raleigh" on Wes'  
>> bench in the picture on pp.. 213 of Solid State Design for the  
Radio  
>> Amateur...  
>  
>He traded it for a couple of Altoid tins?  
>  
>  
>

-----  
Date: Wed, 23 Dec 1998 08:43:49 -0500  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [27881] Foxes NOT  
Message-ID: <3680F394.69F56D70@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thought I had it made to bag at least one fox last night. From here in Michigan (BTW 8 degrees F this morning you whimps in California) if the band was long I would get the N/T+ fox and if it was not I would get the WQ8RP fox. The local power line noise seemed to have been fixed by the

power company. I worked a JA Monday night on 20 meters with 5 watts. Last night an hour before fox time I worked a NJ station in the 40 meter Novice subband. Everything is working FB. But with less than a minute to go... Buzzzzzzzzzz. Solid S7 power line noise. No fox tonight. It is strange that the noise has been there on fox nights but most other nights it is not. Well more calls to Detroit Edison.

Ed Kwik AB8DF

-----  
Date: Wed, 23 Dec 1998 20:49:25 -0500  
From: Bob Edwards <w4ed@flash.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [27882] Re: QRP RTTY K0FRP  
Message-ID: <36819DA5.7B3DFF12@flash.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

alan dawkins wrote:

> My first try at QRP RTTY ended up in winning the last ARRL RTTY contest  
> for Colorado.....

Congrats Al, and we expect that from ARS K0FRP !!

> Have fun On RTTY, just another fun QRP mode you will be amazed as usual.

Yes, it is a fun mode. I tried BTL demo shareware, liked it enough to register with the author. I use it QRP 20m and on certain USAF MARS frequencies. BTL 1.54 has flexibility to handle the differences between amateur HF and MARS. BTL uses a soundblaster card (cheap now) and SSB-AFSK. My sound card is the SB16-PnP.

Free BTL demo download is at;

<http://www.geocities.com/SiliconValley/Heights/4477/index.html>

If anyone wants to try BTL, from Rob Glassey, here are the for parameters I use on 20m, near 14.085 mhz:

-----  
FT-840 and BTL on LSB (double check this, I do..)

BTL Center : 750  
Shift : 170  
Baud : 45 US UNS

Merry Christmas.

-----

.....And could somebody tell us the URL ?

-----

Date: Wed, 23 Dec 1998 09:15:16 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"  
<70511.3041@compuserve.com>  
Subject: [27884] Vixen FOX Log  
Message-ID: <199812230919\_MC2-647E-BA9D@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Gang:

Am posting his from Mary WN6HYX who was N/T+ FOX last evening.

>>Great going hounds!

Got eaten up by qsb es qrm and all those other q's! Thank you for a great time. Happy Holidays to all.

List as follows:

0104 AB7MY 449 479 AZ GARY 571 5W  
0108 K0EVZ 599 579 ND DOC 861 5W ES 1W nice going Doc  
0120 VE5EWM/VE7 559 559 AB EARL 559 559 1076 3W  
0124 KK5XO 599 579 OK DICK 1221  
0129 N6MM 599 579 CA HARVEY 318 5W  
0132 NQ7X 599 599 AZ FLOYD 343 5W  
0136 AB0GO 559 559 CO DAVE 785 5W  
0140 K5ON 559 549 NM GARY 770  
0148 WE5JAY 349 559 AR JAY 1201 5W  
0151 KD5CMN 449 449 TX MIKE 1328 5W  
0154 VE5RC 599 339 SK BRUCE 886 5W  
0207 N4ROA 339 449 VA DAN 925 5W  
0210 W9UQX 339 449 AZ MIKE 463  
0237 KI0II 339 339 CO RON 928 5W

Best 72 from a tired vixen

Mary wn6hyx QRP-L #1779 QRP-C #51<<

As always she did a good job. Lots of heavy-weight QRM and such but he persevered. Thanks again, one and all.

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

-----  
Date: Wed, 23 Dec 1998 09:38:24 -0500

From: "John J. McDonough" <jjmcd@tm.net>

To: <eakwikjr@hti.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [27885] Re: Foxes NOT

Message-ID: <199812231444.1722300@is1.tm.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> From: Edward A Kwik jr <eakwikjr@hti.com>  
>  
> But with less than a minute  
> to go... Buzzzzzzzzzz. Solid S7 power line noise. No fox tonight.

Ed,

It may not be Detroit Ed. It seems pretty similar here, a coupla hundred clicks north of you. Almost every fox nite, the noise level jumps up to around S7-9 shortly before fox time. At least it seems that way. And I'm well into Consumer's Power country.

I think WQ8RP is the wrong distance for 40, tho. Never have heard him, tho last nite, I could barely hear a few hounds. Port Huron is probably 100 miles from me, really too short for 40. But close enough I would expect to hear plenty of hounds. But last nite was a bust. Kind of hoping to catch Mary, tho, but no cigar.

Ah well, there's always next time!

72/73 de WB8RCR            <http://users.tm.net/jjmcd/>  
didileydadidah            QRP-L #1446    Code Warriors #35

-----  
Date: Wed, 23 Dec 1998 08:48:43 -0600  
From: "Tom Moll" <tomm@xata.com>  
To: <qrp-l@lehigh.edu>  
Subject: [27886] Audio stream digitizing  
Message-ID: <000101be2e83\$5731d670\$4aaa7acf@tomm.XATA-CORP>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>Andy, KK7HV wrote ....  
>Does anyone know of software (for a soundcard) that will enable one to  
>digitize an audio stream, then allow playback at a slower speed while  
>preserving the original pitch? Seems like this would be a DSP project  
>that somebody else has already undertaken...



>Win95, NT or Linux is preferred.

I use a Turtle Beach sound card and software called CoolEdit to do just this. It is a great way to cop guitar licks from those who are more creative than me and actually have some skill at music. Just do a search for CoolEdit on the web, and you will find many links to reviews and information. I think there is a new version that also handles the multi-track recording end.

How are you intending to use this with radio communications ?

72, Tom Moll, NoBS

-----  
Date: Wed, 23 Dec 1998 08:56:45 -0600  
From: vlantz@juno.com (Vann G Lantz)  
To: qrp-l@Lehigh.EDU  
Subject: [27887] Fireball 40M Frequency Change?  
Message-ID: <19981223.085830.11662.1.VLantz@juno.com>

I guess I didn't read the message well enough. I am a Tech+ and can't (well, shouldn't) transmit on 7.080Mhz. Can someone tell me how to tweak the FB40 to push it up into the 7.100 to 7.150 range??

It's all built up, and no one to play with.

Vann Lantz, KF4QHJ, AL  
QRP-L #1790, AR QRP #241  
VLantz@Juno.Com  
[Http://members.xoom.com/VLantz/home.htm](http://members.xoom.com/VLantz/home.htm)  
"If there is no God, then who pops up the next Kleenex in the box?"

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 23 Dec 1998 07:04:17 -0800 (PST)  
From: Brad Bradfield <b\_bradfield@yahoo.com>  
To: Message posts for QRP-L <qrp-l@lehigh.edu>  
Subject: [27888] GOOD MORNING Y'ALL  
Message-ID: <19981223150417.19205.rocketmail@send203.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Good morning y'all from cold North Texas - -

Twenty degrees or so this morning here and most of North Texas is pretty well frozen and shut down. Glare ice on many roads and bridges. Fifty-four (count'em, 54) car pileup on an icy freeway in Austin, and icy roads as far south as San Antonio. The hot tub's still 108F, and this farm kid from South Dakota is about to jump in.

Look for me on 20 later today. Maybe 40 tonight.

Y'all have a great Christmas.

Oh, well.

72's es 73's,

Brad, W5CGH

==

|                    |       |                          |
|--------------------|-------|--------------------------|
| Brad Bradfield, PE | W5CGH | Systems Engineer         |
| (ex WB0CGH)        |       | Raytheon Systems Company |

Real men talk with their fingers!!

|            |                    |
|------------|--------------------|
| QRP-L #377 | SMIRK #4906        |
| ARS #72    | Austin QRP Club #e |

-----  
DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Wed, 23 Dec 1998 07:09:37 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [27889] QRP+RTTY=FUN  
Message-ID: <368107B1.4B980269@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Like Alan Dawkins and Bob Edwards, I also really enjoy QRP RTTY. I started out with HamComm and the ultra simple homebrew interface. Total

cost was \$10 for the hardware and \$30 for the shareware. I used my Icom IC-728 turned down to 5 watts. I have experimented with my Radio Shack DSP and it works very well with HamComm. I also bought an old AEA CP-1 interface which worked nicely. I have since given the CP-1 to a friend to get him on RTTY. I am not a DXer but still managed to work 15-20 countries RTTY/QRP.

Like Bob, I have switched over to BTL. The performance is outstanding. I also registered my copy and it is currently my mainstay RTTY set-up. For what it's worth, I intend to build a HamComm RTTY interface into my NorCal 20. The plan is to use it with my Toshiba notebook computer while camping....but that's another story.

While we're on the subject, I am looking for a commercial, multi-mode controller so I can experiment with pactor. Does anybody have an orphaned PK-232 or something similar on the closet shelf they would be willing to sell....cheap?

--

=====  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
=====

-----

Date: Wed, 23 Dec 1998 10:15:48 -0500  
From: Scott Howell <[whowell@hq.nasa.gov](mailto:whowell@hq.nasa.gov)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [27890] looking for Paul Watson and something on LDG, comment abt them  
Message-ID: <3.0.5.32.19981223101548.007d24c0@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well anyone has Paul's E-mail address and would give it to me, I'd appreciate it.

Now for a comment on LDG Electronics.

I had sent a tuner back thinking it was sick. Turns out that perhaps Murphay or his relatives were loose in the shack. Funny how something seems broke, but after all research has yielded nothing, but the possibility of the tuner, you are amazed to find in fact the tuner is not the suspect.

In any case I told them what I found and so they were going to realign it since shipping kinda moved things and ship back to me at their cost.

That's really nice of them considering it wasn't their problem. So, just couldn't resist sharing a great experience.

I have to say that there are many good kits out there, but for me these tuners are the best. If you have no sight and need a tuner that is fully

automated and draws so little current, and makes itself very useful in the field; then this is the tuner for you.  
Its a great tuner.

tnx for the bw es 72/73 de Scott/n3byy

-----  
Date: Wed, 23 Dec 1998 15:23:38 +0100  
From: "Johan Bodin" <sm6lkm.jbeab@swipnet.se>  
To: <w0yse@juno.com>, <qrp-1@lehigh.edu>  
Subject: [27891] Re: bc108 xistors  
Message-ID: <199812231521.QAA10228@mb07.swip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Hi Neil + others,

BC108 is an old NPN silicon transistor in TO-18 can. Plastic TO-92 equivalents have many names, BC238, BC548 to mention a few.

Quick data:

Same pinout as 2N2222, EBC counting clockwise from the tab, bottom view.  
VCEmax 25V  
ICmax 100 mA  
Pmax 300 mW  
Ft 300 MHz  
HFE 110-220 / 200 - 450 / 420-800 (A/B/C versions)

BC109 has same data as BC108 but lower noise. (=3D BC239, BC549)  
BC107 has same data as BC108 except VCEmax is 45V (=3DBC237, BC547)

2N2222 should work fine as replacement in most cases.

Some PNP versions: BC557, BC558, BC559.

Hope this helps.

73 de Johan, SM6LKM

-----  
> Fr=E5n: Neil Klagge <w0yse@juno.com>  
> Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> =C4mne: bc108 xistors  
> Datum: den 23 december 1998 13:26

>=20  
> Gang,  
>=20  
> As I browse thru web pages of european hams and clubs I see many =  
circuits  
> using the BC108. Can a 2n2222 be used instead? Does anyone have the  
> 'specs on the BC108?  
>=20  
>=20  
> 72 , Neil, w0yse since '54 <><

-----  
Date: Wed, 23 Dec 1998 10:33:54 -0500  
From: "Franco, Nicholas J" <franco@bnl.gov>  
To: qrp-l@lehigh.edu  
Subject: [27892] FOX: IWTF: Sometimes it's soooo easy  
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B65A4922@exchange.bnl.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Wow! Sometimes you struggle for the whole 2 hours and never get heard.  
Sometimes you struggle for the whole 2 hours and never hear the Fox. And  
then there are those nice evenings when you turn on the rig and hear the Fox  
right away and not only hear him, but you get to work him within a short  
period of time.

Thanks Stan - for the pelt! Nice job as Fox.

A very Merry Christmas season to all. Hopefully I'll get a chance to get  
into the hunt on Christmas Eve.

72,  
St. Nick - kf2ph . .

Isaiah 9:6 "For unto us a child is born, unto us a son is given: and the  
government shall be upon his shoulder: and his name shall be called  
Wonderful, Counsellor, The mighty God, The everlasting Father, The Prince of  
Peace."

--  
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY  
Systems Administrator RHIC Project Building 1005  
Tel: (516) 344-5467 UPTON, NY 11973-5000  
Fax: (516) 344-3674 Ham Call: KF2PH  
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

-----  
Date: Wed, 23 Dec 1998 08:36:42 -0700 (MST)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: Neil Klagge <w0yse@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [27893] Re: bc108 xistors  
Message-ID: <Pine.SOL.3.91.981223083219.8016A@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
One night with nothing to do, sat down and found some of the 2N2222 equivalents in the ECG/NTE, Motorola, etc. data books for the purposes of the 2N2222 building contest. Here is that file I posted to qrp-1 back when, and another will follow with the specs on some of the major equivalents.

72, Paul NA5N

-----  
CROSS-REFERENCES TO 2N2222/NTE123 NPN TRANSISTORS

For the NorCal 2N2222 building contest, you are allowed to use only 2N2222's or the NTE (ECG) Equivalents. Listed below are SOME of the transistors that are NTE123/2N2222 equivalent.  
REF: NTE Semiconductor Data Book, 6th Edition

\*\*\* astericks indicate the primary replacement, or preferred component.

| Older NPN's |               | Newer NPN's   | Motorola MPS  |
|-------------|---------------|---------------|---------------|
| -----       |               | -----         | -----         |
| 2N117-2N120 | 2N2219        | *2N3904 ****  | MPS706-708    |
| 2N472-2N480 | *2N2222 ****  | 2N3946-2N3947 | MPS2218-2222  |
| 2N542-2N543 | 2N2790-2N2791 | 2N4046        | *MPS2222 **** |
| 2N702-2N706 | 2N2845-2N2848 | 2N4138-4141   | MPS3704-3721  |
| 2N711-2N717 | 2N2883-2N2884 | 2N4400        | MPS3900-3904  |
| 2N742-2N778 | 2N2958-2N2961 | *2N4401 ****  | *MPS3904 **** |
| 2N839-2N844 | 2N3009        | 2N4418-2N4422 | MPS6512-6515  |
| 2N914-2N916 | 2N3011        | 2N5183-2N5187 | *MPS6520 **** |
| 2N929-2N930 | 2N3128-2N3130 | 2N5209-5210   | *MPS6521 **** |
| 2N1077      | 2N3241-2N3242 | 2N5219-5220   | MPS6544-6545  |

|               |               |               |              |
|---------------|---------------|---------------|--------------|
| 2N1149-2N1153 | 2N3299        | 2N5223-2N5225 | MPS9611-9623 |
| 2N1276-2N1279 | 2N3301        |               | MPS9626-9634 |
| 2N1587-2N1588 | 2N3508-2N3512 |               | MPS9700      |
| 2N1944-2N1952 | 2N3688-2N3694 |               | MPS-A7       |
| 2N1962-2N1965 | 2N3903        |               | MPS-A10      |
| 2N-6L6        |               |               | MPS-A20      |
| 2N-12AU7      |               |               | MPS-H05      |

| European Types (Motorola) |                             | Panasonic    |
|---------------------------|-----------------------------|--------------|
| BC107-BC115               | BF183                       | PN100-107    |
| *BC107 (T0-18)            | BF189                       | PN929-930    |
| *BC108 ****               | BF224-225                   | PN2218-2222  |
| BC109 (T0-18)             | BF248                       | *PN2222 **** |
| BC118                     | BF250                       | PN3053       |
| BC125                     | BF291                       | *PN3904 **** |
| BC129-135                 | BF293                       | PN4013       |
| BC182                     | BF321                       | PN5127-5129  |
| BC237                     | BF440-441                   | PN5131-5137  |
| BC337 (.8A)               | BF596                       | PN5172       |
| BC546-550                 | *BFR11 ****                 |              |
| BC550 (2dB NF)            | BFR26                       |              |
| *BSY95 ****               | (Direct 2N2222 replacement) |              |

GL es 7222, Paul NA5N

-----

Date: Wed, 23 Dec 1998 08:38:21 -0700 (MST)  
 From: Paul Harden <pharden@aoc.nrao.edu>  
 To: qrp-1@lehigh.edu  
 Subject: [27894] 2N2222 & equiv. specs  
 Message-ID: <Pine.SOL.3.91.981223083648.8016B-100000@zia>  
 MIME-Version: 1.0  
 Content-Type: TEXT/PLAIN; charset=US-ASCII

DATA SHEET FOR NPN 2N2222 and NTE EQUIVALENTS  
 FOR PNP 2N2907 and NTE EQUIVALENTS

| TYPE  | CASE | ---- Maximum Ratings ---- |     |     |           | Ft | hfe @  | Cin     |
|-------|------|---------------------------|-----|-----|-----------|----|--------|---------|
|       |      | Vcb                       | Vce | Veb | Ic Pd(mW) |    | Ic=1mA | NF (pF) |
| ----- |      |                           |     |     |           |    |        |         |

NTE/ECG REFERENCE SPECS:

|          |       |     |     |    |     |       |     |        |     |    |
|----------|-------|-----|-----|----|-----|-------|-----|--------|-----|----|
| NTE123   | T0-39 | 75v | 40v | 6v | .8A | 800mW | 300 | 200typ | 4dB | 30 |
| NTE123A  | T0-18 | 75  | 40  | 6  | .8  | 500   | 300 | 200typ | 4   | 30 |
| NTE123AP | T0-92 | 75  | 40  | 6  | .6  | 625   | 300 | 200typ |     |    |

#### NTE123AP EQUIVALENTS:

|          |       |     |     |    |     |       |     |         |     |    |
|----------|-------|-----|-----|----|-----|-------|-----|---------|-----|----|
| 2N2222   | T0-92 | 60v | 30v | 5v | .6A | 625mW | 250 | 40-500  | 4dB | 30 |
| 2N2222A  | T0-92 | 75  | 40  | 5  | .6  | 625   | 300 | 75-375  | 4   | 25 |
| 2N3904   | T0-92 | 60  | 40  | 6  | .2  | 625   | 300 | 100-400 | 5   | 8  |
| 2N4401   | T0-92 | 60  | 40  | 6  | .6  | 625   | 250 | 40-500  | 3-4 | 7  |
| BC547    | T0-92 | 50  | 45  | 6  | .1  | 625   | 300 | 125-900 | 10  | 10 |
| BF224    | T0-92 | 45  | 30  | 4  | .05 | 350   | 600 | 100     | 2.5 | 3  |
| MPS2222A | T0-92 | 75  | 40  | 5  | .6  | 625   | 300 | 75-375  | 4   | 25 |
| MPS3904  | T0-92 | 60  | 40  | 6  | .1  | 625   | 200 | 100-400 | 5   | 8  |
| MPS6520  | T0-92 | 40  | 25  | 4  | .1  | 625   | 200 | 100-400 | 3   | 8  |
| MPS-A20  | T0-92 | 40  | 40  | 4  | .1  | 625   | 125 | 40-400  |     | 8  |

#### NTE123A EQUIVALENTS:

|         |       |     |    |   |    |      |     |         |    |    |
|---------|-------|-----|----|---|----|------|-----|---------|----|----|
| 2N2219  | T0-18 | 60v | 30 | 5 | .8 | 800  | 300 | 200typ  | 4  | 30 |
| 2N2219A | T0-18 | 75  | 40 | 6 | .8 | 800  | 300 | 50-300  | 4  | 25 |
| 2N2222  | T0-18 | 60  | 30 | 5 | .8 | 400  | 300 | 200typ  |    | 30 |
| 2N2222A | T0-18 | 75  | 40 | 6 | .8 | 400  | 300 | 50-300  | 4  | 25 |
| BC107A  | T0-18 | 50  | 45 | 6 | .2 | 600  | 300 | 110-450 | 10 |    |
| BC109A  | T0-18 | 30  | 25 | 5 | .2 | 600  | 300 | 240-900 | 4  |    |
| SK3444  | T0-18 | 75  | 40 | 6 | .8 | 1800 | 300 | 200typ  |    |    |
| SK3854  | T0-92 | 75  | 40 | 6 | .8 | 1200 | 300 | 200typ  |    |    |

#### NTE123 EQUIVALENTS:

|        |       |    |    |   |    |      |     |        |  |  |
|--------|-------|----|----|---|----|------|-----|--------|--|--|
| SK3020 | T0-39 | 30 | 25 | 7 | .8 | 1000 | 150 | 125typ |  |  |
|--------|-------|----|----|---|----|------|-----|--------|--|--|

#### PNP TRANSISTORS: (NTE159 Equivalents)

|          |       |     |     |    |     |     |     |        |   |    |
|----------|-------|-----|-----|----|-----|-----|-----|--------|---|----|
| 2N2905   | T0-18 | -60 | -40 | -5 | -.6 | 600 | 200 | 25min  |   | 30 |
| 2N2905A  | T0-18 | -60 | -40 | -5 | -.6 | 600 | 200 | 100min |   | 30 |
| 2N3906   | T0-92 | -40 | -40 | -5 | -.2 | 625 | 250 | 80min  |   | 10 |
| MPS2907  | T0-92 | -60 | -40 | -5 | -.6 | 625 | 200 | 50min  | 4 | 30 |
| MPS2907A | T0-92 | -60 | -60 | -5 | -.6 | 625 | 200 | 100min | 4 | 30 |
| MPS3906  | T0-92 | -40 | -40 | -5 | -.2 | 625 | 250 | 100min | 4 | 10 |

#### NOTES:

T0-92 = Plastic encapsulated transistor

T0-39 = Standard size metal-can transistor (.35" dia.)

T0-18 = Small metal-can transistor (.195" dia)

Ic = Continuous collector current (not breakdown) class A; for class C or intermittent, can be higher at your own risk

Ft = Gain bandwidth product (i.e., highest freq. with gain)

hfe= Small-signal current gain at Ic=1mA

NF = Noise figure in dB (3dB or less considered low noise amp)

Cin= Input capacitance; most Cout's are ~Cin/2

TO OUR EUROPEAN FRIENDS: I included a few European transistors as



seen in SPRAT articles, but mostly out of ignorance. I'd appreciate hearing from you on what your common NPN/PNP's are, and I'll add it to the above and repost the updated version later. Tnx.

GL es 7222, Paul NA5N

-----  
Date: Wed, 23 Dec 1998 08:06:51 -0800  
From: "Frank" <ke6vhm@earthlink.net>  
To: <malman@world.std.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [27895] Re: Not QRP: ICOM 706 Ads  
Message-ID: <002c01be2e8e\$471a6b20\$2907b2d1@frankwes>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The original version 706 covers 30M - I wonder if it is just a printing FOOBAA. I have a friend that has the MK II version will ask him and let you know. Will have to hear from someone that has the G version  
\$.02 de Frank 72 - es Merry Christmas to all

-----  
Date: Wed, 23 Dec 1998 11:16:40 EST  
From: Robsparks@aol.com  
To: qrp-l@lehigh.edu  
Subject: [27896] AR 40m net tonight!  
Message-ID: <c69b0541.36811768@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

#### AR-QRP Net Schedule

Following is a list of Arkansas QRP Club nets:

|                 |       |           |       |                    |
|-----------------|-------|-----------|-------|--------------------|
| Monday Night    | 0130Z | 3.560 mhz | N9ZZ  | Bob AR #1 is NCS   |
| Wednesday Night | 0130Z | 7.042 mhz | AB5ZD | Bob AR #277 is NCS |

Non-members are welcome (and encouraged) to check in!

-----  
Date: Wed, 23 Dec 1998 10:28:09 -0600  
From: sholisky@ktca.org (Scott Holisky)  
To: qrp-1@lehigh.edu  
Subject: [27897] RFI: OHR WM-1  
Message-ID: <fc.000f548a003cfc89000f548a003cfc89.3cfceb@ktca.org>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>the accuracy of the WM-1 pwr mtr

Hi Ron -  
I ran mine thru the mill...found it to be very accurate ( compared to the \$60,000 test set up ). But as with any analog power meter, you can expect some errors...which for all practical purposes isn't worth a needles width at the receiving end :).

The big boys compile a calibration chart for each meter / slug combination. This gives you a better bench mark. You could do that, but this is starting to sound like a Science Project...

Happy Holidays to all.

Scott NOAR Near St.Paul, MN

sholisky@ktca.org

-----  
Date: Wed, 23 Dec 1998 09:30:18 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: ke6vhm@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27898] Re: Not QRP: ICOM 706 Ads  
Message-ID: <3680B82A.9A0D33C3@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The MK II also covers 30M, so I'm sure the IIG will. Certainly a misprint in the ad.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

-----

Date: Wed, 23 Dec 1998 08:35:24 -0800  
From: "Roger A. McCarty" <rmccarty@earthlink.net>  
To: <jjmcd@tm.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [27899] RE: Foxes NOT  
Message-ID: <001201be2e92\$3d8ff4e0\$c005b2d1@rmccarty.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The noise on 40 and 80 in Southern California was very strange last night. Although I did have some local power line noise, the buzz I heard was not of local origin I don't think. The noise blanker would not phase it. What signals I could hear throught the s9 level, were all long ie W1's and 2's, Some DX although most were masked by the noise.

Roger KD6CC

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> John J. McDonough  
> Sent: Wednesday, December 23, 1998 6:38 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Foxes NOT  
>  
>  
> > From: Edward A Kwik jr <eakwikjr@hti.com>  
> >  
> > But with less than a minute  
> > to go... Buzzzzzzzzzz. Solid S7 power line noise. No fox tonight.  
>  
> Ed,  
>  
> It may not be Detroit Ed. It seems pretty similar here, a coupla hundred  
> clicks north of you. Almost every fox nite, the noise level jumps up to  
> around S7-9 shortly before fox time. At least it seems that way. And I'm  
> well into Consumer's Power country.  
>  
> I think WQ8RP is the wrong distance for 40, tho. Never have  
> heard him, tho  
> last nite, I could barely hear a few hounds. Port Huron is probably 100

> miles from me, really too short for 40. But close enough I would  
> expect to  
> hear plenty of hounds. But last nite was a bust. Kind of hoping to catch  
> Mary, tho, but no cigar.  
>  
> Ah well, there's always next time!  
>  
> 72/73 de WB8RCR <http://users.tm.net/jjmcd/>  
> didileydadidah QRP-L #1446 Code Warriors #35  
>  
>

-----  
Date: Wed, 23 Dec 1998 08:28:33 -0800  
From: "Frank" <ke6vbm@earthlink.net>  
To: <dave\_epps@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [27900] Re: Fishing Pole Info (more)  
Message-ID: <009f01be2e93\$638ce1c0\$0306b2d1@frankwes>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What is the expanded length?  
72 de Frank

-----  
Date: Wed, 23 Dec 1998 08:30:25 -0800  
From: "Frank" <ke6vbm@earthlink.net>  
To: <SABorns@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [27901] Re: xistor cross ref  
Message-ID: <00a001be2e93\$64e43460\$0306b2d1@frankwes>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Industry Number : X29A829  
NTE Device Number: NTE159  
T-PNP,SI-AF PREAMP,DRIVER,T0-92

Lead configuration varies from original

72 de Frank

-----  
Date: 12/23/98 10:41:18 AM  
From: w5hir@gte.net  
To: qrp-1@lehigh.edu  
Subject: [27902] You have a Texas postcard waiting!  
Message-ID: <199812231641.KAA04140@smart5.Infobahn.COM>

Howdy!

You have a Texas postcard from Foxy waiting at TravelTex.com!

It can be retrieved at the URL below for 30 days.

<http://www6.traveltex.com/findCard.asp?MailMessage=10430&name=qrp%2D1>

-----  
The TravelTex web site

-----  
Date: Wed, 23 Dec 1998 10:56:15 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Brad Bradfield <b\_bradfield@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27903] Re: GOOD MORNING Y'ALL  
Message-ID: <Pine.LNX.3.95.981223105408.21010A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

So Brad, what you're telling me is that I shouldn't send our windchill  
MINUS 55 dC wx down there?.... ;-) Merry Christmas and hope it warms up  
soon there....it's going to get warmer here by June 1999... HI HI...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club "QRP! How sweet it is!"

On Wed, 23 Dec 1998, Brad Bradfield wrote:

>  
> Good morning y'all from cold North Texas - -  
>  
> Twenty degrees or so this morning here and most of North Texas is

> pretty well frozen and shut down. Glare ice on many roads and  
 > bridges. Fifty-four (count'em, 54) car pileup on an icy freeway in  
 > Austin, and icy roads as far south as San Antonio. The hot tub's  
 > still 108F, and this farm kid from South Dakota is about to jump in.  
 >  
 > Look for me on 20 later today. Maybe 40 tonight.  
 >  
 > Y'all have a great Christmas.  
 >  
 > Oh, well.  
 >  
 > 72's es 73's,  
 >  
 > Brad, W5CGH  
 >  
 >  
 >  
 > ==  
 > Brad Bradfield, PE           W5CGH           Systems Engineer  
 > (ex WB0CGH)                               Raytheon Systems Company  
 >  
 > Real men talk with their fingers!!  
 >  
 > QRP-L #377                   SMIRK #4906  
 > ARS #72                   Austin QRP Club #e  
 >  
 > -----  
 > DO YOU YAHOO!?  
 > Get your free @yahoo.com address at <http://mail.yahoo.com>  
 >

-----  
 Date: Wed, 23 Dec 1998 12:45:12 -0500  
 From: Joseph Mikuckis <k3chp@erols.com>  
 To: qrp-l@Lehigh.EDU  
 Subject: [27904] Re World Message  
 Message-ID: <36812C28.2C34@erols.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit  
 Content-Transfer-Encoding: 7bit

For many of you who asked me which language is which, here it is:

Feliz Navidad y prospero Ano Nuevo. (Spanish)  
 Kellemes Karacsonyi Unnepek! Es Boldog Uj Evet. (Hungarian)

Feliz Natal e Feliz Ano Novo. (Portugese)  
 Linksmu sv. Kaledu ir laimingu Naujuju metu. (Lithuanian)  
 Prettige Kerstdagen en Gelukkig Nieuwjaar. (Dutch)  
 Joyeux Noel et Bonne et Heureuse Annee. (French)  
 Maligayang Pasko at Manigong Bagong Taon. (Tagalog)  
 Wesolych Swiat i Szczesliwego Nowego Roku. (Polish)  
 Priecigus Ziemassvetkus un laimigu Jauno Gadu. (Latvian)  
 Frohe Weihnachten und ein Gutes Neues Jahr. (German)  
 Mele Kalikimaka me ka Houoli Makahiki Hou. (Hawaiian)  
 Vesele Boziona Praznike in Srecno Novo Leto. (Slovene)  
 Buon Natale e Felice Anno Nuovo. (Italian)  
 Nginifisela okuhle kodwa kulonyaka omusha. (Zulu)  
 Alles van die beste vir die Nuwe Jaar (Afrikaans)  
 Ju uroj gjithe te mirat gjate Vitit te Ri. (Albanian)  
 Eg oska per alls hins bezta a nyja arinu. (Icelandic)  
 Yeni yiliniz kutlu olsun. (Turkish)  
 Chuc ban nhieu may man trong nhung ngay dau Nam. (Vietnamese)  
 Badisu amet melkam edel emeblehalew. (Ethiopic)  
 Jag onskar er allt gott under det Nya Aret. (Swedish)  
 Nakutakia kheri kwa mwaka mpya. (Swahili)  
 Quod faustum bonum felixque sit tibi ineunte anno. (Latin)  
 Dymunaf i chi gyd pobpeltr da ywystod y Flwyddiw aewydd. (Welsh)  
 Nifrahlek il-kumplament tas-sena t-tajba. (Maltese)  
 Jeg onsker deg alt godt i det nye aret. (Norwegian)  
 Mina soovin Teile koige paremat Uuel Aastal. (Estonian)  
 Guidhim ath-bhliain fe mhaise dhuit. (Irish)  
 Preji sve nejlepsi behem Noveho Roku. (Czech)  
 Selamat tahun baru untuk saudara sekalian. (Indonesian)  
 Jeg onsker Dem alt godt i det Nye Ar. (Danish)  
 Saya mengharapkan semua-nya dalam keadaan baik di-Tahun Baru ini.  
 (Malay)  
 Toivotan teille oikein hyvaa Uutta Vuotta. (Finnish)  
 Maniry soa amin'ny Taom-baovao. (Malgache)  
 Va transmit cele mai bune urari de Anul Nou. (Rumanian)  
 Zelim sve najbolje prilikom Nove Godine. (Serbo-Croatian)  
 Mi deziras al vi la plej bonon dum la Nova Jaro. (Esperanto)  
 Ki-danimikon onje animikotatinaniwank (Algonquin)  
 Wagadotnigenrode nise tsiniyoseres. (Mohawk)

K3CHP

-----  
 Date: Wed, 23 Dec 1998 12:59:09 -0500  
 From: Sam Billingsley <SBillingsley@usaninc.com>  
 To: "Qrpl\_Submit (E-mail)" <qrpl-1@Lehigh.EDU>  
 Subject: [27905] Fireball 40

Message-ID: <21E06269B00ED111BE9B00805F6D0FA355C78D@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

Can someone point me to a schematic of the Fireball xmtr. I would like to build an 80 mtr version.

Sam Billingsley AE4GX Atlanta, GA

-----  
Date: Wed, 23 Dec 1998 18:29:54 -0000  
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>  
To: "gqrp-1" <gqrp-1@blacksheep.org>, "qrp-1" <qrp-1@lehigh.edu>  
Subject: [27906] MC3359 Rig?  
Message-ID: <000301be2ea2\$829d9e60\$5eedb094@t7w6w7>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

There was an article in QST of September 1986 by WA6IVC for a simple superhet receiver using the MC3359 chip. I wonder if anyone has had any experience of using this particular IC for the HF bands?  
For those unfamiliar with this device, it is an 18 pin chip containing a 10Mhz oscillator, a double balanced mixer, 6 stage 455 kHz IF amplifier, quadrature detector and an audio stage! It is currently available from some at least UK stockists including JAB. The writer of the original article describes some problems he had in getting a suitable 455 kHz BFO stage and the oscillator section is a bit 'touchy', but surely we should be looking at this further? So the receiver described has the MC3359 plus an LM386 to amplify the audio further and an external BFO using an IF transformer as frequency determining component. Just think, a receiver with not an NE602 in sight! I await your interest in this, but don't ask me for any more information, I don't know anymore than what I have read!  
Thanks.

.....  
Frank G3YCC qrp-1 #348  
GQRP Club 042  
(g3ycc@g3ycc.prestel.co.uk)  
Award winning QRP Web Site:  
<http://www.homeusers.prestel.co.uk/g3ycc/index.html>



Date: Wed, 23 Dec 1998 11:43:20 -0700  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27907] 160 meter Fireball  
Message-ID: <368139C8.1C1A@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello QRPer's!

After playing around with the original xtal osc. that came with my Fireball, I decided to try out a diffent xtal. A friend of mine KH6JTM Gary, being a big computer nerd type, had a bunch of the xtal osc. cans in his junk box. He gave me a 1.8432 osc. that is the same size as the original can. Plugged it in, and puts out a healthy microwatt sig on "Top Band!"  
Has a real clean note and maybe just a hair more output than the 28mhz counterpart.

My next goal is to build the lil amp to boost the power. As is, the lil xmtr is probably ok for a few local contacts on 40m..As far as 10m goes, if the band is open, you may be able to work some dx!

160 meters makes a great local rag chew band too...The lower in freq. you go, the greater the ground wave. Even during the day, at distances out to a 100-200 miles, the 160 meter band works fb.  
On 160, it is prefered to have some sort of a vertical radiator for xmit , and a horizontal low noise type antenna for rec.

In the past I had an 8' top loaded vertical on 160...That would be equivalent to a 6 inch piece of wire on 10 meters...in terms of a 1/4 wavelength! Efficiency is the key...Hi Q coil, center loading with top loading.

Still hoping to work a fellow Fireballer soon!!

72, Tom WB5QYT " Have spud and bug will travel!"

-----

Date: Wed, 23 Dec 1998 11:49:38 -0700  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27908] Listening on 7.080  
Message-ID: <36813B42.1352@swcp.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRPer's and QRPpppper's!

I will be listening for the next 1.5 hours on 7.080 for any Fireballer's or anyone wanting to have a qso. Surely must be some that are about finished with their rigs and want to try em out!..

So, give me a call...72, Tom WB5QYT ...on from 1900 till 2030

-----

Date: Wed, 23 Dec 1998 13:52:43 EST  
From: we6w@juno.com (Ed Loranger)  
To: qrp-l@lehigh.edu  
Subject: [27909] OHR-100 Drift Project.  
Message-ID: <19981223.105336.4903.6.we6w@juno.com>

Gang, one unexpected benefit from potting the VFO toroid. And something I hadn't done with the rig while it was out of the shack -- Listen to the audio.

ALL MICROPHONICS ARE GONE!

Wowza! For those Norcal members at my Resonant speaker demo, I'm sure they heard the squirrely audio with the rig and slightest movement or bumping of the rig or table surface it sat on.

NO MORE!

Just thought you all ought to hear of this really fine 'side effect' from potting the vfo toroid in the insulating foam.

Real world on-air tests last night were very encouraging. A couple of my long rag chews and long-winded exchanges resulted in a report of "NO DRIFT" from Greg/AK7Y.

I do admit that after a full night out in the garage and set to 7040.4 KHz, the 28 degree temperature out there from a 40 degree temp measured about 200 Hz off freq.

Can't wait to add the little 33 pF N750 caps in there

to polish this guy up.

G'day.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>  
Enjoying Ham Radio every day! Santa Rosa, CA.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 23 Dec 1998 12:08:17 +0000  
From: Bob Hightower <ki7mn@extremezone.com>  
To: ke6vhm@earthlink.net  
Cc: qrp-l@lehigh.edu  
Subject: [27910] Re: Not QRP: ICOM 706 Ads  
Message-ID: <199812231855.LAA14891@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:06 AM 12/23/98 -0800, you wrote:

>The original version 706 covers 30M - I wonder if it is just a printing  
>FOOBAA. I have a friend that has the MK II version will ask him and let you  
>know. Will have to hear from someone that has the G version

Mine (706 MkII) covers 30. Hope they didn't give up 30 just to get 440 MHz  
:^). You're probably right, just a typo.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Wed, 23 Dec 1998 14:09:23 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"  
<70511.3041@compuserve.com>  
Subject: [27911] NOTICE--K0EVZ FOX 12/25/98  
Message-ID: <199812231412\_MC2-649C-28DC@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Gang:

K0EVZ will be Da FOX 12/25/98, 0100-0300Z. This will be \*tomorrow\* (Thursday) evening, 12/24/98, 1900-2100CST USA-time.

I expect to start on 7.0395, +/- QRM. Will use RIT liberally, probably on the high side more than the low. Will QSY rarely if at all. Please send your call once. Also, please don't send zero-beat on Da FOX frequency. Thanks very much.

Setup = new OHR500 at 5 watts to a TNT/2 Windom at 29'. Tuner will be the LDG QRP ATU. Everything will be battery-powered.

Will do my best to QSO everyone. Hope \*you\* will be successful. NOTE: I still log everything by hand on paper. This takes a bit more time, especially with only one working arm. But it has worked several times before, and I am expecting a great evening :-).

Good luck, one and all. Hope to work you from my new ND QTH. Happy holidays, one and all.

72/73,

--Doc Lindsey/K0EVZ

DSBF

P.O. Box 7187

Bismarck, ND 58507

E-Mail 70511.3041@compuserve.com

-----  
Date: Wed, 23 Dec 1998 14:43:05 EST

From: PUNISHER3@aol.com

To: qrp-l@lehigh.edu

Subject: [27912] 706 DOES have 30m

Message-ID: <35ff570a.368147c9@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi. I just called up icom, and they said that the new G model does have 30 meters. It must be a typo.

73,

Ben

KK7QX      TODAY IS MY 14th BIRTHDAY!!!!!!!!!!!!

-----  
Date: Wed, 23 Dec 1998 12:37:03 -0700  
From: gsurrency@juno.com (Gary L Surrency)  
To: ke6vhm@earthlink.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [27913] Re: xistor cross ref  
Message-ID: <19981223.123908.-4150901.3.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The Heath pn. 417-201 type X29A829 transistors I have encountered are real crap. I have replaced many of them with 2n3906's but you have to reconfigure the leads since the pinout is different.

The NTE159 is a heavy duty replacement, with an  $I_{c\_max}$  I believe of 1 amp. It does require the leads to be re-configured also. I have used it where less  $V_{sat\_ON}$  is required, or where more current rating and higher  $V_{ce}$  is required. Nice part.

Another good choice if you have any old computer power supplies laying around, is a device marked LA733P, made by Motorola. It has the correct pinout as the original Heath part, and have performed extremely well wherever I have tried it as a replacement for the 417-201. These parts are used in the power supplies and Heath circuits mostly in switching applications, so the Ft does not really figure into the picture.

gl and 72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]  
-----

Date: Wed, 23 Dec 1998 11:49:23 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [27914] Good push up poles found!  
Message-ID: <19981223194923.17490.rocketmail@send106.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I was at Home Depot and I was walking by the paint department. Glanced over and thought hello what is this? Sitting there were 2 types of push up poles for paintbrushes. One was aluminum and extends out to 12 feet for \$15. The other extends out to 15 feet with a bottom plastic half and upper aluminum half for \$25.

I bought the 15 footer and use it as a push up pole for my stealth G5RV on my balcony. Works really well!

The 12 foot aluminum pole could easily be used as an portable antenna. Also be easy to use the plastic portion of the 15 foot pole as a coil form. Put multiple taps on it for 20,30,40 and 80 meters. Hmm, think I'll get another one and try it out!

Have a Merry Christmas all!!!!!!

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

-----  
DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Wed, 23 Dec 1998 15:15:02 -0500

From: Marty Hartwell <meh@cbsms1.cb.lucent.com>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [27915] Trip to Englang and other topics.

Message-ID: <01BE2E87.07F03D00@oh0012mhartwell.cb.lucent.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

Hello all

I have a few items of information I would like to put here, some for =  
information, some asking for information.

First recently someone asked about changing their address with the FCC. =  
I recently had to renew my license and renew. I found the FCC web site =  
by hitting some other sites first but at the FCC site I found a click =  
item to renew a license. I believe it was form 900 or something like =  
that. Apparently there are some licenses that require renewal fees also, =  
so from the first form you are put into the second automatically, then =  
the second told my I didn't have a renewal fee. Then I was given a =  
confirmation number, and I printed out the form so I have a copy. Time =  
will tell when I see it renewed in a week or so.

Next item - in January I will be going to England to give a =  
presentation to a customer and will be there a few days then and again =  
in February for a few weeks. In January I will be in London I think. I =  
February I will be up north west of there in Oswestry. I am looking now =  
for anyone that might want to get together for a eye to eye qso. I am =  
going to bring at least a receiver of some sort. I have a couple of SWL =  
receivers I can choose from and may think about bringing a qrp rig for =  
thirty meters. I am an Advanced license holder so that shouldn't be a =  
problem. I also think the requirements have relaxed to allow me to bring =  
a rig and operate without filling any forms. If anyone knows otherwise =  
please let me know. Anyone wanting to contact me concerning a meeting in =  
London or close by, or on the using my rig please send email to: =  
mhartwell@lucent.com I would like to hear any advice.=20

I would like to know how to send a message to the gqrp-l list also. I am =  
sure it is an address like this I just don't know for sure what that =  
addresss is.

That's all for now.  
Marty kd8bj

-----  
Date: Wed, 23 Dec 1998 13:27:18 -0800 (PST)  
From: Jeff Furman <jfurman@ocs.net>  
To: qrp-l@lehigh.edu  
Subject: [27916] Pole-zero <-> frequency resp. demo aplet.  
Message-ID: <Pine.LNX.4.04.9812231317320.28817-100000@ocs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I uncovered an interesting

demonstration of the effects of pole and zero positions on frequency response ( magnitude and phase). You can add and remove complex and real poles and zeros, then drag them around the complex plane (poles won't go into the right half plane, but zeros will) and watch the Bode plot wiggle. I think it's good for developing insight. URL: <http://es-sun1.fernuni-hagen.de/JAVA/polnull/polnull.html>  
73, Jeff, KD6MNP.

-----  
Date: Wed, 23 Dec 1998 15:44:30 -0500  
From: "Dave Maliniak" <dmaliniak@penton.com>  
To: njqrp@njqrp.org, qrp-l@lehigh.edu  
Subject: [27917] Atlanticon registration update  
Message-ID: <852566E3.0071D5CB.00@mail.penton.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Fellow QRPers:

Well, just as I was getting ready to do my Fox gig last week, and as Atlanticon registrants were storming my e-mail in-box, my three-week-old PowerBook G3 bit the dust. Steve Jobs is gonna get a letter from me! But, as you can see, the Phoenix has risen from the ashes. I'm up and running using a loaner G3 from HQ with my hard drive transplanted into it. Again, my thanks go to George, N2APB, for picking up the slack and serving as my conduit to the world-at-large.

So, once again, I'm serving as registrar (sounds like school... hmm...) for the Atlanticon '99 QRP Forum, which is being held concurrently with the Greater Baltimore Hamboree and Computerfest in Timonium, MD at the end of March. The New Jersey QRP Club is organizing the QRP Forum and it's shaping up as a hot time indeed!

If you've sent mail regarding registration to either myself or to George in the last week, please bear with me. George and I will soon be syncing up, as it were, and once we do, I'll resume sending out acknowledgements and badge numbers. I hope to get caught up sometime this weekend if possible or by early next week at the latest. So hang in there if you've sent mail and keep 'em coming if you haven't!

Atlanticon '99 \*is\* going to be a blast! At present, scheduled activities include a Friday night hospitality suite (March 26), a Saturday night



building contest and vendors' night, and whatever else we can squeeze in. The highlight, of course, is the outstanding lineup of speakers that's already in place for the technical program on Saturday. The list includes luminaries such as Chuck Adams, K5FO; Dave Benson, NN1G; L.B. Cebik, W4RNL; Joe Everhart, N2CX; Paul Harden, NA5N; and Steve Weber, KD1JV. Household names all in the QRP world for sure, and authoritative experts in their specialties for the amateur community at large. It's going to be quite a program.

All of this fun stuff happens at the Timonium Holiday Inn Select, which happens to be the official hotel for the Hamboree. Oh yeah, there's a hamfest, too... it's only one of the biggest ones on the East Coast. And then there's the raffles...

Raffles, he says? Yeah, we got raffles. Grand prize will be a NorCal 20 transceiver kit, donated graciously by our compadres in the Northern California QRP Club. There'll be other prizes, too... George, N2APB, has mentioned the Emtech transceiver and an SWL 40+. I have a feeling that there will be more to come. So how do you get in on these raffles, anyway?

Well, you have to come to Atlanticon! And if you want to do that, I'm your guy. Send your name, callsign and snail-mail address to [dmaliniak@penton.com](mailto:dmaliniak@penton.com) and I'll assign you a unique, one-of-a-kind Official Atlanticon Badge Number. We'll have a collector's quality badge waiting for you at the Forum and that makes you eligible for the raffles. Simple, huh? Oh yeah, don't forget that the price is right: free for nothing. You'd have a hard time paying for a better time than you're going to have at Atlanticon '99!

We've made arrangements with the Holiday Inn for a discounted room rate. Call the hotel directly for reservations at (410) 252-7373. Remember that we've now negotiated a lower room rate of \$69/night. Please be sure to let them know that you're part of the Atlanticon group. You'll want to grab a room for both the Friday and Saturday nights (that's March 26 and 27, 1999) to get in on all of the QRP activities.

Hope to hear from everyone. We'll be posting reminders and updates periodically. You also can check for information at the New Jersey QRP Club website ([www.njqrp.org](http://www.njqrp.org)).

Thanks and 72,  
David N2SMH  
for the New Jersey QRP Club

-----

Date: Wed, 23 Dec 1998 15:45:52 -0500  
From: Marty Hartwell <meh@cbsms1.cb.lucent.com>  
To: "'Scott Howell'" <whowell@hq.nasa.gov>  
Cc: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [27918] RE: FCC url  
Message-ID: <01BE2E8B.56337FA0@oh0012mhartwell.cb.lucent.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello

Sorry, I should have known there were people wanting the address. It is:

<http://www.fcc.gov/wtb/>

and I just tried it again and it worked. Once there click on Electronic Filling and Software.

Marty

-----Original Message-----

From: Scott Howell [SMTP:whowell@hq.nasa.gov]  
Sent: Wednesday, December 23, 1998 3:41 PM  
To: meh@cbsms1.cb.lucent.com  
Subject: Re: Trip to Englang and other topics.

AY FELLER, YOU KNOW THE ADDR. FOR THE fcc SITE?  
TIA ES 72/73 DE sCOTT/N3BYY

-----  
Date: Wed, 23 Dec 1998 16:05:57 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [27919] [RE]K0EVZ FOX on 12/25/98  
Message-ID: <199812231609\_MC2-6489-DD98@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Gang:

A couple of guys said I should say a bit more re not zero-beating, etc.  
Here goes:

Please do NOT transmit exactly on \*my\* frequency as Da FOX. Usually as operators we \*do\* try to zero-beat, of course. But tomorrow evening, everyone should tune slightly off-frequency. This lets everyone continue to hear Da FOX.

Example. I my transmit frequency is 7.0395 the hunters should transmit slightly higher or lower, say 7.0398 or 7.0392. This is close but does not cover up Da FOX.

I can also say that if you are too near my transmit frequency....I will probably miss you altogether. Because \*I\* will definitely be listening off-frequency...

It also goes without saying that tuning-up should take place some considerable distance from the hunt frequency.

Thanks for helping everyone out in this way. Good luck everyone and let's have fun :-).

72/73,  
--Doc Lindsey/K0EVZ  
DSBF  
P.O. Box 7187  
Bismarck, ND 58507  
E-Mail 70511.3041@compuserve.com

-----  
Date: Wed, 23 Dec 1998 21:22:33 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [27920] Re: 706 DOES have 30m  
Message-ID: <36815eef.15869706@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Wed, 23 Dec 1998 14:43:05 EST, PUNISHER3@aol.com wrote:

>Hi. I just called up icom, and they said that the new G model does have=

30

>meters. It must be a typo.

It should be pointed out that the omission of 30m was in the graphic on =  
the  
side of the ad, not in the specs ...

--

72 es 73 de Marty, KM7W

-----  
Memphis, Tennessee

http://home.earthlink.net/~mwattcpa

VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =  
EM55ce

CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =  
Vengeance"

-----  
Date: Wed, 23 Dec 1998 13:29:59 -0800

From: "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>

To: <we6w@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [27921] Re: OHR-100 Drift Project.

Message-ID: <199812232127.NAA18602@newspaper.cwi.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Ed, I have been following your work on the OHR-100 drift  
problem with extreme interest since I will be putting mine  
together over Christmas/New Year.

How hard would it be to retrofit the OHR with your fixes?  
Should I wait for your "final paper" before I start to  
build or can I put it together and get it on the air,  
then go back and implement your solutions?

Barry KF6RDI/AA

-----  
Date: Wed, 23 Dec 1998 14:45:22 -0700

From: "James R. Duffey" <ji3m@maxwell.com>

To: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>, "gqrp-1" <gqrp-1@blacksheep.org>,

"qrp-1" <qrp-1@lehigh.edu>  
Subject: [27922] MC3359 Rig?  
Message-ID: <v03007803b2a7123e591c@[199.120.49.103]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Frank -

You commented on the MC3359 based receiver in QST of September 1986 and asked why the MC3359 was not used more in HF receivers. The MC3362 is a close cousin to the MC3359 and is used in the famous Breed QRP transceiver.

The MC3359 and MC3362 show poorer strong signal performance than the NE602. They are also considerably more expensive and somewhat more difficult to obtain. This probably explains why they have not been more widely used in hamdom.

Also I wonder about the wisdom of using the quadrature detector as a second mixer in a chip only designed for single conversion. The required isolation cannot be as great as one would like for a double conversion receiver.

Just some random thoughts. Others may have other opinions. Happy holidays to all from the good doctor. - Dr. Megacycle KK6MC/5

James R. Duffey        KK6MC/5   DM65tc   <jamesd1@flash.net>  
30 Casa Loma Road  
Cedar Crest NM 87008

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Date: Wed, 23 Dec 1998 17:21:45 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: g3ycc@g3ycc.prestel.co.uk  
Cc: qrp-1@lehigh.edu  
Subject: [27923] Re: MC3359 Rig?  
Message-ID: <199812232208.RAA20174@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

> There was an article in QST of September 1986 by WA6IVC for a simple  
> superhet receiver using the MC3359 chip. I wonder if anyone has had any

> experience of using this particular IC for the HF bands?

Hi hate to tell you Frank, but the mixer is the 3359 is a Gilbert cell, very similer, if not identical to the NE602. Since the 3359 is designed for FM work, the IF is a limiting amplifier, turning all the singals into square waves. I played around once seeing if the FM detector could be used as a product detector, and had no luck. I seem to rember it sort of almost worked, but not nearly well enough to consider using.

All in all the MC3359 might make an okay FM receiver, but is a very poor choice for a CW reciever. The few reciever designs I've seen that use an FM chip like the 3359 for HF only use the mixer part. I can't see the point in that.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Wed, 23 Dec 1998 14:21 -0800 (PST)  
From: wctrautfield@west.raytheon.com  
To: qrp-1@Lehigh.EDU  
Message-ID: <0F4F00H0DVDWC5@mail.hac.com>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

suspend qrp-1

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Date: Wed, 23 Dec 1998 22:43:23 +0000  
From: Peter Larsen <larsenp@cadvision.com>  
To: k3chp@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [27925] Re: Re World Message  
Message-ID: <3681720B.BB698B4A@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sorry OM but in Dansk (danish) it is:

Glaedlig Jul og Godt Nytaar

Gladly Christmas and Good New Year

Sorry but I don't have the ae and the aa key on my board :-0

--

73 es have fun

Peter

VE6YC D021wc

-----  
Did you hear about the dyslexic Satanist?

He sold his soul to Santa  
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Date: Wed, 23 Dec 1998 17:46:59 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@Lehigh.EDU  
Cc: ji3m@maxwell.com  
Subject: [27926] Re: MC3359 Rig?  
Message-ID: <368172E3.2F6@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

James and the gang,

The MC3359 receiver referred to was the design product of Bruce Williams, WA6IVC, now a silent key. It was designed during his time at the League. I can very well remember listening to it when visiting him. It was kitted out of Australia. I bought and built one of the kits. It had two weak points -- the MC3359 and the LM386 chips. The receiver was a follow on to the league's attempts to present simple construction projects -- hence "The Simpleceiver".

It was one attempt at designing a receiver withoout a 40673 and before the 40673 became popular. It was like many League projects -- it worked. His later designs as MXM Industries wer much better.

73

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Date: Wed, 23 Dec 1998 17:53:18 -0500  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [27927] N0UR/QRPP de AB8DF  
Message-ID: <3681745E.A085ED1C@hti.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I just worked Jim on 20 meters. I answered his CQ and gave him a 589. He was at 300mw. Then he cranked it down to 50mw. He was 559 for one turn. When he came back for his second turn I copied his RR AB8DF de NQUR then nothing. Jim what rig were you using?  
Ed Kwik AB8DF

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Date: Wed, 23 Dec 1998 17:00:45 -0600 (CST)  
From: PHILLIPS RICHARD <phillips@msoe.edu>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [27928] A QRP Christams  
Message-ID: <Pine.OSF.3.96.981223165649.25313A-100000@torres.msoe.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nice story by Jeff Davis, N9AVG on the ARRL members only web site, called "A QRP Christmas". Check it out in the ARRL Web Extra area. It's too long to reproduce here.  
Rich AA9L

Richard Phillips  
Lab Technician  
Milwaukee School of Engineering  
414-277-7388, phillips@msoe.edu

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Date: Wed, 23 Dec 1998 18:21:45 -0500  
From: "David Hurley, n2zhy" <n2zhy@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [27929] Vectronics Kits  
Message-ID: <36817B09.8D12FF04@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

A while back there were several inquiries to the list for information about the Vectronics kits. The following is a quick review I wrote for my local radio club, the Delaware Valley Radio Association, W2ZQ.



Vectronics Aircraft Receiver Kit  
VEC-131K

Vectronics, a division of MFJ, has a series of new kits that it distributes through various distributors. I purchased my kit from Tech America with just a phone call and some plastic. Among the various kits offered are regenerative receivers, repeater monitors, SSB and CW filters, CW keyers, QRP amplifiers, single band transmitters and receivers for VHF,UHF and HF. The kits range in price from \$20 to \$50 with an optional enclosure available for some kits at \$15.

I decided on the Aircraft Receiver with enclosure for \$45.00 as a Christmas present for my nephew who is taking flying lessons. He has been looking for a receiver to listen to his local airport tower. This kit was just the ticket!

The kit is packaged in a series of plastic ziplock bags, sorted by component type. First step was to inventory the kit and make sure all the parts were there. Every piece was accounted for and all looked well. No additional parts are necessary to get the rig up and running with the exception of a 6 X 32 machine screw, which is used as a form for winding coils. The board, parts and directions are good quality. The circuit board is well marked and I had no problem identifying part positions.

Directions are well done in a step by step manner. Five pages of construction tips are enough to get the neophyte up and building. If this is your first "anything", I would suggest some time soldering and unsoldering some junk components for practice. This is an excellent first kit and the directions will lead you through an enjoyable experience. Go slow, follow the directions and check every step at least twice.

I did have a little bit of trouble installing the tiny multilayer capacitors. Pay particular attention to bending the leads and applying heat. I damaged three, but a quick call to Vectoronics had replacements and spares on the way.

Testing and alignment was simple. There are several methods possible depending on what "test equipment" you may have. I aligned by ear and only needed a scanner, capable of tuning the aircraft band, to match what the receiver heard with the calibration marks on the case. Piece of cake!

The receiver covers from 118 to 134 mhz. When tuned to a given frequency, I could hear traffic +/- 200 khz but in fairness, its difficult to tell how close some of these planes were transmitting.

Here in Central New Jersey, I was able to hear aircraft reporting into control centers as far away as Boston. I was also able to hear my local paging company just a couple of miles away. All this with just a little wire dipole hanging in my second floor window. The receiver also showed its disdain for my computer situated about six feet away.

The instructions talked about compressing or extending the coils as a way of eliminating out of band signals but I didn't have time to experiment with them. I am very happy with the overall performance and look forward to building some of the other Vectronics kits.

72

David,n2zhy  
Princeton,NJ

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Date: Wed, 23 Dec 1998 18:28:37 -0500  
From: "Rob Dey" <rdey@myhost.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [27930] Help with TIXIE band change  
Message-ID: <199812232339.SAA32520@mail.myhost.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello everyone,

I'm a brand new subscriber to QRP-L, and I just built a TIXIE 80m version that works great after only two hours of gathering parts, soldering, and testing. However, I need help.

When I converted the pi-filter for 40m (and changed the xtal, of course), the rig no longer had a significant output. On 80m I got about 0.25W, on 40m only 30mW. What happened? I used 470pf and 1uH for the pi-filter on 40m. My only guess at this time is that the xtal does not have as much oomph as the 80m one!

Can anyone help to explain this problem, and offer a possible solution?

Thanks in advance.

72 es Merry Xmas,

Rob L. Dey, KA2BEO

Rob's Ham Shack  
<http://www.myhost.com/idey>

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End of QRP-L Digest 1314

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